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1983

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QUICK REFERENCE

SUMMARY OF OREGON'S VITAL EVENTS, 1983

POPULATION	2,634,993	Second year of population loss since 1981 peak.
LIVE BIRTHS	Residents	Number and rates down for third year in row even after adjusting for number of women in childbearing years.
Number	39,949	
Crude Rate	15.2	
Fertility Rate	64.1	
DEATHS	Residents	Deaths increase. Rate increased for first time in 10 years.
Number	22,361	
Rate	8.5	
MARRIAGES	Occurrence	Marriages down in both number and rate.
Number	23,346	
Rate	8.9	
DISSOLUTION OF MARRIAGES	Occurrence	Divorces decrease both in number and rate. Oregon rate higher than U.S.
Number	16,173	
Rate	6.1	
UNWED MOTHERS	Residents	Number of unwed mothers decreased slightly, but proportion of total birth continues increasing.
Number	6,467	
Rate	161.0	
LOW-BIRTH WEIGHT INFANTS	Residents	Number of low-birth weight infants is down, but rate up slightly after two year decrease.
Number	1,997	
Rate	50.0	
INFANT DEATHS	Residents	Number and rate of infant deaths lowest on record for Oregon
Number	385	
Rate	9.6	
NEONATAL DEATHS	Residents	Neonatal number and rates dropping faster than post-neonatal rates. Oregon consistently below U.S. rate.
Number	215	
Rate	5.4	
MATERNAL DEATHS	Residents	Maternal death rate compares favorably with U.S. rate over 5 year period, but Oregon's 1983 number is still higher than seen in late 1970's.
Number	6	
Rate	15.0	
INDUCED ABORTIONS	Occurrence	Lowest number and ratio of reported abortions in 8 years. Continues decline begun in 1980.
Number	12,064	
Ratio	293.9	

Birth, death, marriage and dissolution of marriage rates are per 1,000 population; illegitimate birth ratio, immature births, and infant and neonatal deaths rate per 1,000 live births; maternal death ratio per 100,000 live births; induced abortion ratio per 1,000 live births.

TABLE 1. POPULATION, LIVE BIRTHS, BIRTHS TO UNWED MOTHERS, MARRIAGES, DISSOLUTION OF MARRIAGES, U.S., 1945-1983

YEAR	POPULATION	LIVE BIRTHS		BIRTHS TO UNWED MOTHERS		MARRIAGES		DISSOLUTION OF MARRIAGES	
		Number	Rate	Number	Ratio	Number	Rate	Number	Rate
1945	132,481,000	2,735,456	20.6	117,400	42.9	1,612,992	12.2	485,000	3.5
1946	140,054,000	3,288,672	23.5	125,200	38.1	2,291,045	16.4	610,000	4.3
1947	143,446.000	3,699,940	25.8	131,900	35.7	1,991,878	13.9	483,000	3.4
1948	146,093,000	3,535,068	24.2	129,700	36.7	1,811,155	12.4	408,000	2.8
1949	148,665,000	3,559,529	23.9	133,200	37.4	1,579,798	10.6	397,000	2.7
1950	150,697,361	3,554,149	23.6	141,600	39.8	1,667,231	11.1	385,144	2.6
1951	153,310,000	3,750,850	24.5	146,500	39.1	1,594,694	10.4	381,000	2.5
1952	155,687,000	3,846,986	24.7	150,300	39.1	1,539,318	9.9	392,000	2.5
1953	158,242,000	3,902,120	24.7	160,800	41.2	1,546,000	9.8	390,000	2.5
1954	161,164,000	4,017,362	24.9	176,600	44.0	1,490,000	9.2	379,000	2.4
1955	164,308,000	4,047,295	24.6	183,300	45.3	1,531,000	9.3	377,000	2.3
1956	167,306,000	4,163,090	24.9	193,500	46.5	1,585,000	9.5	382,000	2.3
1957	170,371,000	4,254,784	25.0	201,700	47.4	1,518,000	8.9	381,000	2.2
1958	173,320,000	4,203,812	24.3	208,700	49.6	1,451,000	8.4	368,000	2.1
1959	176,513,000	4,244,796	24.0	220,600	52.0	1,494,000	8.5	395,000	2.2
1960	179,323,175	4,257,850	23.7	224,300	52.7	1,523,000	8.5	393,000	2.2
1961	183,057,000	4,268,326	23.3	240,200	56.3	1,548,000	8.5	414,000	2.3
1962	185,890,000	4,167,362	22.4	245,000	58.8	1,577,000	8.5	413,000	2.2
1963	188,658,000	4,098,020	21.7	259,400	63.3	1,654,000	8.8	428,000	2.3
1964	191,371,000	4,027,490	21.0	275,700	68.5	1,725,000	9.0	450,000	2.4
1965	193,818,000	3,760,358	19.4	291,200	77.4	1,800,000	9.3	479,000	2.5
1966	195,857,000	3,606,274	18.4	302,400	83.9	1,857,000	9.5	499,000	2.5
1967	197,863,000	3,520,959	17.8	318,100	90.3	1,927,000	9.7	523,000	2.6
1968	199,861,000	3,501,564	17.6	339,200	96.9	2,069,000	10.4	584,000	2.9
1969	201,921,000	3,600,206	17.9	360,800	100.2	2,145,000	10.6	639,000	3.2
1970	203,211,926	3,731,368	18.4	398,700	106.9	2,158,802	10.6	708,000	3.5
1971	206,212,000	3,555,970	17.2	401,400	112.9	2,190,481	10.6	773,000	3.7
1972	209,284,000	3,258,411	15.6	403,200	123.7	2,282,154	10.9	845,000	4.0
1973	211,357,000	3,136,965	14.8	407,300	129.8	2,284,108	10.8	915,000	4.3
1974	213,342,000	3,159,958	14.8	418,100	132.3	2,229,667	10.5	977,000	4.6
1975	215,465,000	3,144,198	14.6	447,900	142.5	2,152,662	10.0	1,036,000	4.8
1976	217,563,000	3,167,788	14.6	468,100	147.8	2,154,807	9.9	1,083,000	5.0
1977	219,760,000	3,326,632	15.1	515,700	155.0	2,178,367	9.9	1,091,000	5.0
1978	222,095,000	3,333,279	15.0	543,900	163.2	2,282,272	10.3	1,130,000	5.1
1979	224,567,000	3,494,398	15.6	597,800	171.1	2,331,337	10.4	1,181,000	5.3
1980	226,504,825	3,612,258	15.8	665,747	184.3	2,390,252	10.6	1,189,000	5.2
1981	230,339,000	3,646,000	15.9	686,605	189.2	2,438,000	10.6	1,219,000	5.4
1982	231,500,000	3,704,000	16.0	715,277	194.3	2,495,000	10.8	1,180,000	5.1
1983	233,722,000	3,614,000	15.5	---	---	2,444,000	10.5	1,179,000	5.0

Rate per 1,000 population for live births, marriages and dissolution of marriage.
Rate per 1,000 live births for births to unwed mothers.

TABLE 2. DEATHS, MATERNAL DEATHS, INFANT DEATHS, NEONATAL DEATHS, FETAL DEATHS, U.S., 1945-1983

YEAR	DEATHS		MATERNAL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1945	1,401,719	10.6	5,668	207.2	104,684	38.3	66,593	24.3	65,513	23.9
1946	1,395,617	10.0	5,153	156.7	111,063	33.8	79,079	24.0	74,849	22.8
1947	1,445,370	10.1	4,978	134.5	119,173	32.2	84,296	22.8	77,917	21.1
1948	1,444,337	9.9	4,122	116.6	113,169	32.0	78,426	22.2	72,838	20.6
1949	1,443,607	9.7	3,216	90.3	111,531	31.3	76,326	21.4	70,584	19.8
1950	1,452,454	9.6	2,960	83.3	103,825	29.2	72,855	20.5	68,262	19.2
1951	1,482,099	9.7	2,812	75.0	106,702	28.4	75,192	20.0	70,569	18.8
1952	1,496,838	9.6	2,610	67.8	109,413	28.4	76,253	19.8	70,447	18.3
1953	1,517,541	9.6	2,385	61.1	108,405	27.8	76,332	19.6	69,393	17.8
1954	1,481,091	9.2	2,105	52.4	106,791	26.6	76,724	19.1	70,109	17.5
1955	1,528,717	9.3	1,901	47.0	106,903	26.4	77,351	19.1	69,153	17.1
1956	1,564,476	9.4	1,702	40.9	108,183	26.0	78,659	18.9	68,659	16.5
1957	1,633,128	9.6	1,746	41.0	112,094	26.3	81,088	19.1	69,561	16.3
1958	1,647,886	9.5	1,581	37.6	113,789	27.1	81,798	19.5	69,355	16.5
1959	1,656,814	9.4	1,588	37.4	112,008	26.4	80,778	19.0	68,613	16.2
1960	1,711,982	9.5	1,579	37.1	110,873	26.0	79,733	18.7	68,480	16.1
1961	1,701,522	9.3	1,573	36.9	107,956	25.3	78,482	18.4	68,767	16.1
1962	1,756,720	9.5	1,465	35.2	105,479	25.3	76,346	18.3	66,421	15.9
1963	1,813,549	9.6	1,466	35.8	103,390	25.2	74,648	18.2	64,640	15.8
1964	1,798,051	9.4	1,343	33.3	99,783	24.8	72,026	17.9	65,931	16.4
1965	1,828,136	9.4	1,189	31.6	92,866	24.7	66,419	17.7	60,859	16.2
1966	1,863,149	9.5	1,049	29.1	85,516	23.7	61,941	17.2	56,637	15.7
1967	1,851,323	9.4	987	28.0	79,028	22.4	58,127	16.5	54,934	15.6
1968	1,930,082	9.7	859	24.5	76,263	21.8	56,456	16.1	55,293	15.8
1969	1,921,990	9.5	801	22.2	75,073	20.9	56,085	15.6	50,749	14.1
1970	1,921,031	9.5	803	21.5	74,667	20.0	56,279	15.1	52,961	14.2
1971	1,927,542	9.3	668	18.8	67,981	19.1	50,496	14.2	47,818	13.4
1972	1,963,944	9.4	612	18.8	60,182	18.5	44,432	13.6	41,380	12.7
1973	1,973,003	9.3	477	15.2	55,581	17.7	40,664	13.0	38,309	12.2
1974	1,934,388	9.1	462	14.6	52,776	16.7	38,738	12.3	36,281	11.5
1975	1,892,879	8.8	403	12.8	50,525	16.1	36,416	11.6	33,796	10.7
1976	1,909,440	8.8	390	12.3	48,265	15.2	34,587	10.9	33,111	10.8
1977	1,899,597	8.6	373	11.2	46,975	14.1	32,860	9.9	33,052	9.9
1978	1,927,788	8.7	321	9.6	45,945	13.8	31,618	9.5	---	---
1979	1,913,841	8.5	336	9.6	45,665	13.1	30,980	8.9	---	---
1980	1,989,841	8.8	334	9.2	45,526	12.6	30,618	8.5	---	---
1981	1,987,000	8.7	340	9.3	42,700	11.7	28,000	7.8	---	---
1982	1,986,000	8.6	330	8.9	41,700	11.2	28,000	7.6	---	---
1983	2,010,000	8.6	290	8.0	39,400	10.9	---	---	---	---

Rate per 1,000 population for deaths.
Rate per 1,000 live births for births for infant, neonatal and fetal deaths.
Rate per 100,000 live births for maternal deaths.

TABLE 3. POPULATION, LIVE BIRTHS, BIRTHS TO UNWED MOTHERS, MARRIAGES, DISSOLUTION OF MARRIAGES, OREGON, 1908-1983

YEAR	POPULATION	LIVE BIRTHS		BIRTHS TO UNWED MOTHERS		MARRIAGES		DISSOLUTION OF MARRIAGES	
		Number	Rate	Number	Ratio	Number	Rate	Number	Rate
1908	621,109	8,322	13.3	---	---	---	---	---	---
1909	647,055	8,656	13.3	---	---	4,863	7.5	---	---
1910	673,002	9,176	13.6	---	---	5,541	8.2	---	---
1911	684,847	9,562	13.8	---	---	6,846	9.9	---	---
1912	696,692	11,189	16.0	---	---	6,613	9.4	---	---
1913	708,537	11,033	15.5	---	---	5,382	7.5	---	---
1914	720,382	11,624	16.1	---	---	5,170	7.1	---	---
1915	732,226	12,232	16.7	---	---	4,983	6.8	---	---
1916	744,071	12,960	17.4	---	---	5,396	7.2	---	---
1917	755,916	13,147	17.4	---	---	6,196	8.2	---	---
1918	767,761	13,295	17.3	---	---	5,281	6.9	---	---
1919	779,606	13,638	17.5	---	---	6,605	8.5	---	---
1920	791,701	14,954	18.8	---	---	7,557	9.5	---	---
1921	808,325	15,607	19.3	---	---	7,643	9.4	---	---
1922	824,949	15,087	18.3	---	---	6,691	8.1	---	---
1923	841,573	14,992	17.8	---	---	7,151	8.4	---	---
1924	858,197	15,818	18.4	---	---	6,937	8.1	---	---
1925	874,800	15,579	17.8	---	---	6,999	8.0	---	---
1926	891,400	14,929	16.7	---	---	7,160	8.0	3,128	3.5
1927	908,100	14,637	16.1	---	---	7,392	8.1	3,149	3.5
1928	924,700	14,159	15.3	---	---	7,625	8.2	3,090	3.3
1929	941,300	13,244	14.1	---	---	8,243	8.7	3,197	3.4
1930	958,450	13,473	14.1	---	---	7,678	8.0	2,825	2.9
1931	967,200	13,227	13.7	---	---	7,346	7.6	2,417	2.5
1932	980,600	12,845	13.1	---	---	6,668	6.8	1,728	1.8
1933	994,000	12,228	12.3	---	---	5,715	5.7	1,844	1.9
1934	1,007,400	13,071	13.0	---	---	6,237	6.2	2,248	2.2
1935	1,020,800	13,143	12.9	---	---	6,795	6.7	2,304	2.3
1936	1,034,100	14,119	13.7	---	---	7,433	7.2	2,578	2.5
1937	1,047,500	15,495	14.8	---	---	7,602	7.3	2,718	2.6
1938	1,061,000	16,333	15.4	---	---	6,734	6.3	3,162	3.0
1939	1,074,000	16,727	15.6	---	---	4,902	4.6	3,422	3.2
1940	1,093,000	17,522	16.0	237	13.5	5,998	5.5	3,543	3.2
1941	1,107,000	18,784	17.0	229	12.2	7,445	6.7	4,122	3.7
1942	1,148,500	22,283	19.4	247	11.1	8,768	7.6	4,725	4.1
1943	1,167,200	25,380	21.7	328	12.9	9,272	7.9	5,643	4.8
1944	1,221,000	23,444	19.2	407	17.4	8,675	7.1	6,619	5.4

TABLE 3. POPULATION, LIVE BIRTHS, BIRTHS TO UNWED MOTHERS, MARRIAGES, DISSOLUTION OF MARRIAGES, OREGON, 1908-1983, Continued

YEAR	POPULATION	LIVE BIRTHS		BIRTHS TO UNWED MOTHERS		MARRIAGES		DISSOLUTION OF MARRIAGES	
		Number	Rate	Number	Ratio	Number	Rate	Number	Rate
1945	1,227,200	23,339	19.0	504	21.6	9,764	8.0	7,949	6.5
1946	1,347,900	29,566	21.9	517	17.5	14,674	10.9	10,241	7.6
1947	1,423,300	36,190	25.4	608	16.8	12,881	9.1	6,707	4.7
1948	1,470,800	34,937	23.8	575	16.5	12,373	8.4	6,405	4.4
1949	1,511,200	35,062	23.2	502	14.3	10,746	7.1	6,274	4.2
1950	1,521,341	35,991	23.7	667	18.5	11,300	7.4	5,943	3.9
1951	1,568,000	37,317	23.8	623	16.7	10,118	6.5	6,133	3.9
1952	1,602,100	39,752	24.8	780	19.6	9,998	6.2	6,311	3.9
1953	1,636,800	39,866	24.4	772	19.4	10,502	6.4	6,373	3.9
1954	1,662,680	38,550	23.2	909	23.6	9,567	5.8	6,130	3.7
1955	1,690,840	38,678	22.9	880	22.8	10,632	6.3	6,158	3.6
1956	1,734,650	38,432	22.2	958	24.9	10,568	6.1	5,827	3.4
1957	1,737,470	37,828	21.8	1,088	28.8	9,961	5.7	5,261	3.0
1958	1,728,550	36,295	21.0	1,091	30.1	9,896	5.7	5,452	3.2
1959	1,777,000	36,634	20.6	1,217	33.2	10,166	5.7	6,009	3.4
1960	1,768,687	38,347	21.7	1,250	32.6	10,590	6.0	5,711	3.2
1961	1,816,345	37,475	20.6	1,433	38.2	10,798	5.9	6,023	3.3
1962	1,825,138	36,983	20.3	1,499	40.5	11,122	6.1	6,074	3.3
1963	1,856,190	34,863	18.8	1,708	49.0	11,786	6.3	6,180	3.3
1964	1,906,000	33,500	17.6	1,754	52.4	12,297	6.5	6,486	3.4
1965	1,972,150	32,955	16.7	2,094	63.5	13,252	6.7	6,219	3.2
1966	1,999,780	32,446	16.2	2,330	71.8	13,981	7.0	6,764	3.4
1967	2,006,360	31,446	15.7	2,478	78.8	14,401	7.2	7,603	3.8
1968	2,050,900	32,136	15.7	2,831	88.1	16,125	7.9	8,258	4.0
1969	2,081,640	33,834	16.3	3,000	88.7	16,874	8.1	8,643	4.2
1970	2,091,385	35,353	16.9	2,912	82.4	17,302	8.3	9,583	4.6
1971	2,143,010	33,344	15.6	2,603	78.1	18,100	8.4	10,687	5.0
1972	2,183,270	31,308	14.3	2,552	81.5	19,265	8.8	11,706	5.4
1973	2,224,900	30,902	13.9	2,599	84.1	19,661	8.8	12,382	5.6
1974	2,266,000	32,506	14.3	2,984	91.8	20,002	8.8	13,538	6.0
1975	2,299,000	33,352	14.5	3,382	101.4	19,322	8.4	15,526	6.8
1976	2,341,750	34,840	14.9	3,825	109.8	19,182	8.2	16,070	6.9
1977	2,396,100	37,467	15.6	4,596	122.7	20,303	8.5	16,372	6.8
1978	2,472,000	38,964	15.8	5,279	135.5	21,055	8.5	16,965	6.9
1979	2,544,000	41,564	16.3	5,599	134.7	22,063	8.7	17,584	6.9
1980	2,633,105	43,091	16.4	6,360	147.6	23,004	8.7	17,762	6.7
1981	2,660,435	42,974	16.2	6,384	148.6	22,904	8.6	17,697	6.7
1982	2,656,185	41,012	15.4	6,484	158.1	24,186	9.1	16,792	6.3
1983	2,634,993	39,949	15.2	6,467	161.0	23,346	8.9	16,173	6.1

Rate per 1,000 population for deaths.
Rate per 1,000 live births for births for infant, neonatal and fetal deaths.
Rate per 100,000 live births for maternal deaths.

TABLE 4. DEATHS, MATERNAL DEATHS, INFANT DEATHS, NEONATAL DEATHS, FETAL DEATHS
OREGON, 1908-1983

YEAR	DEATHS		MATERNAL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS*/	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1908	4,970	8.0	59	709.0	676	81.2	---	---	---	---
1909	5,470	8.4	70	808.7	756	80.7	---	---	---	---
1910	6,089	9.0	91	991.7	733	79.9	---	---	---	---
1911	6,360	9.2	91	951.7	753	78.7	---	---	---	---
1912	5,898	8.4	63	563.1	653	58.6	---	---	---	---
1913	6,714	9.4	60	543.8	684	61.9	---	---	---	---
1914	6,446	8.9	72	619.4	577	49.6	---	---	---	---
1915	6,718	9.1	74	605.0	583	47.6	---	---	---	---
1916	7,107	9.5	88	679.0	725	55.9	---	---	---	---
1917	7,349	9.7	87	661.7	837	63.6	---	---	---	---
1918	9,842	12.8	106	797.3	907	68.2	---	---	---	---
1919	8,881	11.4	101	740.6	845	61.9	---	---	---	---
1920	9,186	11.6	112	749.0	927	61.9	---	---	---	---
1921	8,324	10.2	117	749.7	791	50.6	---	---	---	---
1922	9,381	11.3	115	762.2	886	58.7	---	---	---	---
1923	8,983	10.6	103	687.0	853	56.9	---	---	---	---
1924	9,511	11.1	94	594.3	834	52.7	---	---	---	---
1925	9,596	10.9	95	609.8	787	50.5	---	---	---	---
1926	9,885	11.1	85	569.4	769	51.5	---	---	---	---
1927	10,222	11.2	91	621.7	693	47.3	---	---	---	---
1928	10,493	11.3	86	607.4	651	46.0	---	---	410	29.0
1929	10,680	11.3	75	566.3	633	47.7	---	---	415	31.4
1930	10,544	11.0	81	601.2	671	49.8	---	---	390	28.9
1931	10,245	10.6	61	461.2	578	43.7	---	---	360	27.2
1932	10,272	10.5	64	498.2	530	41.3	---	---	322	25.1
1933	10,450	10.5	64	523.4	493	40.3	---	---	329	26.9
1934	10,539	10.5	79	604.4	519	39.7	---	---	320	24.5
1935	11,429	11.2	72	547.8	537	40.8	---	---	300	22.8
1936	12,434	12.0	77	545.4	626	44.3	409	29.0	300	21.5
1937	12,369	11.8	56	361.4	649	41.9	415	26.8	340	22.4
1938	11,777	11.1	53	324.5	631	38.6	418	25.6	353	21.6
1939	11,779	11.0	43	257.1	580	34.7	381	22.8	322	19.3
1940	12,329	11.3	45	256.8	592	33.2	413	23.6	365	20.8
1941	12,123	10.9	43	228.9	589	30.7	397	20.9	333	17.7
1942	12,520	10.9	37	166.0	669	30.0	456	20.4	362	16.2
1943	13,440	11.5	37	145.8	776	30.6	466	18.4		
1944	12,580	10.3	41	147.9	706	30.1	504	21.5	454	19.4

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*/ The definition of fetal death is - the death of a fetus of "at least 20 weeks gestation".

TABLE 4. DEATHS, MATERNAL DEATHS, INFANT DEATHS, NEONATAL DEATHS, FETAL DEATHS
OREGON, 1908-1983, Continued

YEAR	DEATHS		MATERNAL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1945	12,325	10.0	29	124.3	660	28.3	473	20.3	402	17.2
1946	12,828	9.5	28	94.7	803	27.2	594	20.1	515	17.4
1947	13,460	9.5	35	96.7	896	24.8	645	17.8	562	15.5
1948	13,872	9.4	15	42.9	892	25.5	671	19.2	508	14.5
1949	13,698	9.1	20	57.0	862	24.6	661	18.9	488	13.9
1950	13,888	9.1	22	61.1	816	22.7	627	17.4	493	13.7
1951	14,489	9.2	5	13.4	883	23.7	637	17.1	498	13.3
1952	14,438	9.0	11	27.7	951	23.9	696	17.5	500	12.6
1953	14,598	8.9	15	37.6	938	23.5	680	17.1	524	13.1
1954	14,665	8.8	9	23.3	868	22.5	632	16.4	512	13.3
1955	15,303	9.1	8	20.7	934	24.1	681	17.6	497	12.8
1956	15,328	8.8	11	28.6	887	23.1	645	16.8	504	13.1
1957	15,633	9.0	8	21.1	828	21.9	587	15.5	499	13.2
1958	15,449	8.9	6	16.5	844	23.3	597	16.4	448	12.3
1959	16,699	9.4	9	24.6	927	25.3	664	18.1	469	12.8
1960	16,787	9.5	14	36.5	891	23.2	635	16.6	493	12.9
1961	16,885	9.3	8	21.3	861	23.0	604	16.1	454	16.1
1962	17,221	9.4	7	18.9	811	21.9	554	15.0	461	12.5
1963	18,017	9.7	7	20.1	747	21.4	551	15.8	410	11.8
1964	18,138	9.5	4	11.9	754	22.5	532	15.9	402	12.0
1965	18,133	9.2	1	3.0	696	21.1	477	14.5	421	12.8
1966	18,979	9.5	3	9.2	697	21.5	506	15.6	387	11.9
1967	18,908	9.4	4	12.7	616	19.6	436	13.9	395	12.6
1968	19,017	9.3	3	9.3	637	19.8	460	14.3	365	11.4
1969	19,548	9.4	4	11.8	592	17.5	410	12.1	194	1/
1970	19,530	9.3	5	14.1	555	15.7	381	10.8	486	13.7
1971	20,087	9.4	5	15.0	615	18.4	416	12.5	408	12.2
1972	20,216	9.3	5	16.0	528	16.9	359	11.5	391	12.5
1973	20,881	9.4	1	3.2	466	15.1	329	10.6	312	10.1
1974	20,320	9.0	3	9.2	488	15.0	330	10.2	266	8.2
1975	20,142	8.8	3	9.0	502	15.1	330	9.9	284	8.5
1976	20,459	8.7	-	-	444	12.7	277	8.0	280	8.0
1977	20,457	8.5	5	13.3	453	12.1	293	7.8	283	7.6
1978	20,870	8.4	2	5.1	502	12.9	299	7.7	302	7.8
1979	21,024	8.3	1	2.4	450	10.8	276	6.6	307	7.4
1980	21,756	8.3	1	2.3	521	12.1	303	7.0	294	6.8
1981	21,798	8.2	3	7.0	466	10.8	299	7.0	298	6.9
1982	21,594	8.1	8	19.5	433	10.6	253	6.2	253	6.2
1983	22,361	8.5	6	15.0	385	9.6	215	5.4	268	6.7

Rate per 1,000 population for deaths.
Rate per 1,000 live births for births for infant, neonatal and fetal deaths.
Rate per 100,000 live births for maternal deaths.

TABLE 5. POPULATION, LIVE BIRTHS, BIRTHS TO UNWED MOTHERS, BY COUNTY OF RESIDENCE, AND MARRIAGES, DISSOLUTION OF MARRIAGES, BY COUNTY OF OCCURRENCE, OREGON , 1983

COUNTY OF RESIDENCE	ESTIMATED POPULATION 7/1/83	LIVE BIRTHS		BIRTHS TO UNWED MOTHERS		MARRIAGES		DISSOLUTION OF MARRIAGES	
		Number	Rate	Number	Ratio	Number	Rate	Number	Rate
TOTAL	2,635,000	39,949	15.2	6,467	161.9	23,346	8.9	16,173	6.1
Baker	16,150	256	15.9	36	140.6	119	7.4	117	7.2
Benton	68,100	859	12.6	62	72.1	508	7.5	298	4.4
Clackamas	243,600	3,362	13.8	376	111.8	1,850	7.6	1,226	5.0
Clatsop	32,750	463	14.1	62	133.9	351	10.7	212	6.5
Columbia	36,000	522	14.5	80	153.3	243	6.8	353	9.8
Coos	61,450	858	14.0	145	169.0	642	10.4	399	6.5
Crook	12,950	184	14.2	19	103.3	140	10.8	94	7.3
Curry	17,400	235	13.5	29	123.4	182	10.5	96	5.5
Deschutes	63,300	950	15.0	122	128.4	562	8.9	261	4.1
Douglas	90,400	1,299	14.4	188	144.7	933	10.3	651	7.2
Gilliam	1,970	35	17.8	4	114.3	20	10.2	3	1.5
Grant	8,000	131	16.4	15	114.3	68	8.5	53	6.6
Harney	7,250	111	15.3	9	81.1	63	8.7	42	5.8
Hood River	16,200	273	16.9	36	131.9	153	9.4	272	16.8
Jackson	133,350	1,871	14.0	303	161.9	1,271	9.5	969	7.3
Jefferson	12,050	259	21.5	77	297.3	128	10.6	54	4.5
Josephine	59,250	801	13.5	169	211.0	564	9.5	448	7.6
Klamath	58,350	880	15.1	141	160.2	484	8.3	416	7.1
Lake	7,500	122	16.3	8	65.6	73	9.7	51	6.8
Lane	267,900	3,968	14.8	667	168.1	2,391	8.9	1,869	7.0
Lincoln	36,750	529	14.4	94	177.7	427	11.6	225	6.1
Linn	89,350	1,313	14.7	213	162.2	835	9.3	503	5.6
Malheur	27,000	501	18.6	57	113.8	202	7.5	133	4.9
Marion	205,900	3,465	16.8	587	169.4	2,085	10.1	1,016	4.9
Morrow	7,275	140	19.2	22	157.1	67	9.2	49	6.7
Multnomah	557,500	8,563	15.4	1901	222.0	5,194	9.3	3,643	6.5
Polk	44,550	596	13.4	115	193.0	259	5.8	396	8.9
Sherman	2,200	26	11.8	1	38.5	14	6.4	6	2.7
Tillamook	21,500	306	14.2	56	183.0	205	9.5	191	8.9
Umatilla	60,100	1,084	18.0	176	162.4	522	8.7	333	5.5
Union	24,200	376	15.5	49	130.2	199	8.2	52	2.1
Wallowa	7,330	127	17.3	12	94.5	80	10.9	41	5.6
Wasco	22,400	341	15.2	42	123.2	239	10.7	140	6.2
Washington	257,400	4,208	16.3	476	113.1	1,797	7.0	1,220	4.7
Wheeler	1,425	18	12.6	1	55.6	11	7.7	6	4.2
Yamhill	56,200	917	16.3	117	127.6	465	8.3	335	6.0

Rate per 1,000 population for live births, marriages and dissolution of marriage.
Rate per 1,000 live births for births to unwed mothers.

TABLE 6. DEATHS, INFANT DEATHS, NEONATAL DEATHS, FETAL DEATHS, BY COUNTY OF RESIDENCE, OREGON, 1983

COUNTY OF RESIDENCE	DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
TOTAL	22,361	8.5	385	9.6	215	5.4	268	6.7
Baker	206	12.8	2	7.8	2	7.8	1	3.9
Benton	387	5.7	4	4.7	3	3.5	9	10.5
Clackamas	1,782	7.3	32	9.5	18	5.4	16	4.8
Clatsop	351	10.7	4	8.6	2	4.3	3	6.5
Columbia	302	8.4	6	11.5	2	3.8	8	15.3
Coos	620	10.1	11	12.8	8	9.3	4	4.7
Crook	138	10.7	-	-	-	-	1	5.4
Curry	177	10.2	4	17.0	2	8.5	1	4.3
Deschutes	490	7.7	6	6.3	4	4.2	7	7.4
Douglas	763	8.4	10	7.7	2	1.5	4	3.1
Gilliam	14	7.1	-	-	-	-	-	-
Grant	77	9.6	1	7.6	1	7.6	-	-
Harney	52	7.2	-	-	-	-	1	9.0
Hood River	143	8.8	3	11.0	2	7.3	1	3.7
Jackson	1,180	8.8	15	8.0	9	4.8	18	9.6
Jefferson	99	8.2	1	3.9	-	-	1	3.9
Josephine	594	10.0	11	13.7	9	11.2	9	11.2
Klamath	479	8.2	8	9.1	5	5.7	5	5.7
Lake	70	9.3	-	-	-	-	1	8.2
Lane	1,936	7.2	37	9.3	17	4.3	29	7.3
Lincoln	450	12.2	4	7.6	3	5.7	1	1.9
Linn	715	8.0	11	8.4	5	3.8	4	3.0
Malheur	241	8.9	6	12.0	2	4.0	2	4.0
Marion	1,863	9.0	39	11.3	22	6.3	25	7.2
Morrow	53	7.3	1	7.1	1	7.1	-	-
Multnomah	5,474	9.8	92	10.7	51	6.0	59	6.9
Polk	365	8.2	8	13.4	5	8.4	2	3.3
Sherman	18	8.2	-	-	-	-	-	-
Tillamook	224	10.4	1	13.1	4	13.1	4	13.1
Umatilla	555	9.2	10	9.2	6	5.5	11	10.1
Union	198	8.2	7	18.6	5	13.3	2	5.3
Wallowa	75	10.2	1	7.9	-	-	3	23.6
Wasco	206	9.2	4	11.7	2	5.9	2	5.9
Washington	1,600	6.2	36	8.6	18	4.3	28	6.7
Wheeler	18	12.6	-	-	-	-	-	-
Yamhill	446	7.9	7	7.6	5	5.5	6	6.5

Rate per 1,000 population for deaths.
Rate per 1,000 live births for births for infant, neonatal and fetal deaths.
Rate per 100,000 live births for maternal deaths.

TABLE 7. POPULATION, BIRTHS AND DEATHS BY CITY OF RESIDENCE, OREGON, 1983

CITY OF RESIDENCE	ESTIMATED POPULATION 7/1/83	BIRTHS		DEATHS	
		Number	Rate	Number	Rate
Albany (Linn, Benton)	27,500	518	18.8	214	7.8
Ashland (Jackson)	15,360	197	12.8	110	7.2
Beaverton (Washington)	33,050	744	22.5	250	7.6
Bend (Deschutes)	17,840	344	19.3	152	8.5
Coos Bay (Coos)	13,620	240	17.6	182	13.4
Corvallis (Benton)	41,570	514	12.4	231	5.6
Eugene (Lane)	103,100	1,575	15.3	751	7.3
Forest Grove (Washington)	11,500	224	19.5	136	11.8
Grants Pass (Josephine)	15,000	282	18.8	245	16.3
Gresham (Multnomah)	34,340	548	16.0	234	6.8
Hillsboro (Washington)	29,650	581	19.6	217	7.3
Klamath Falls (Klamath)	16,850	290	17.2	195	11.6
LaGrande (Union)	11,900	175	14.7	120	10.1
Lake Oswego (Mult., Clack., Wash.)	22,715	215	9.5	157	6.9
Lebanon (Linn)	10,380	171	16.5	121	11.7
McMinnville (Yamhill)	14,640	251	17.1	124	8.5
Medford (Jackson)	40,225	722	18.1	431	10.8
Milwaukie (Clack., Mult.)	17,350	502	28.9	244	14.1
Newberg (Yamhill)	11,340	222	19.6	109	9.6
Oregon City (Clackamas)	14,280	325	22.8	166	11.6
Pendleton (Umatilla)	14,270	263	18.4	137	9.6
Portland (Mult., Clack., Wash.)	365,000	6,569	18.0	4,290	11.8
Roseburg (Douglas)	15,620	311	20.0	214	13.7
Salem (Marion, Polk)	90,720	1,816	20.0	1,017	11.2
Springfield (Lane)	39,925	841	21.1	304	7.6
The Dalles (Wasco)	11,050	180	16.3	135	12.2
Tigard (Washington)	17,850	291	16.0	184	10.1
West Linn (Clackamas)	12,410	194	17.1	57	5.0
Woodburn (Marion)	11,270	219	19.4	158	14.0

Cities of 10,000 or more population listed.
Counties listed in parenthesis.
All rates per 1,000 population.
Population Source: Center for Population Research and Census, Portland State University, July 1, 1984.

NATALITY

NATALITY

BIRTH INDICATORS DOWN IN OREGON

All major indicators of birthing patterns showed a decline in calendar year 1983 from that of previous years. The number of births to Oregon residents has declined each year since 1980. In 1983, there were 3,142 fewer births than in 1980. This declining number of births affects our Oregon community in many ways. It obviously indicates a decrease in demand for obstetrical services in the medical community. It also affects the demand for other infant services from childhood immunizations to baby diaper services.

The crude birth rate, which controls for population changes, has also declined steadily since 1980. The crude birth rate in 1980 was 16.4 births per 1,000 population. The rate in 1983 was 15.2, a decline of 7.3 percent.

The fertility rate, an indicator of birthing patterns which controls for changes in the female population of child bearing age showed a 7.1 percent decline over the last five years. The fertility rate in 1979 was 69.0 births per 1,000 females ages 15 to 44. The fertility rate in 1983 was reduced to 64.1

A third indicator,the total fertility rate, determines the likelihood of achieving population replacement. This indicator is computed by adding together the age-specific birth rates in the five year age categories and multiplying by five. The fertility rate in 1983 indicates that Oregonians are not achieving population replacement. This number has been declining since 1980 and is currently at 1,776. The 1980 rate was 1,830. The rate needed for natural population replacement is 2.1 births per female, or a rate of 2,100. (This is not to be confused with zero population growth where net effect of migration, mortality and fertility is zero.)

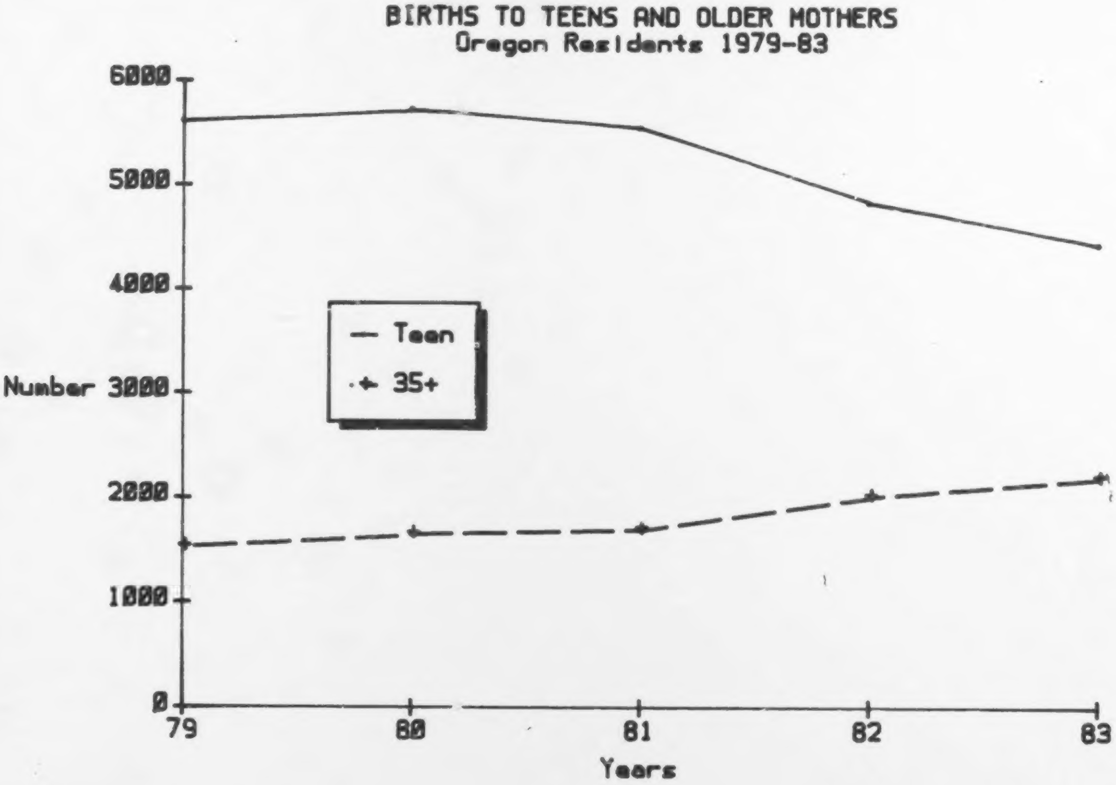
BIRTH PATTERNS DIFFER ACCORDING TO AGE OF MOTHER

Although there appears to be a steady decline of child bearing to Oregon residents as a whole, the patterns start to diverge upon examining different ages of mothers. During the last five years, a significant decline has occurred in the number of infants being born to teenage mothers. Teenage mothers and their children are at a higher risk for many of the maternal and infant complications. During 1983 there were 1,117 fewer such high risk births occurring in Oregon than in 1979. Although we would like to attribute all of the 21 percent decline in teenage births during the last five years to preventive services in the community, reality dictates that at least half of the decline is attributable to a 10.1 percent decline in the population of 15 to 19 year old females.

MOTHERS ARE MORE MATURE IN 1983

It has been speculated that women are delaying childbirth to later years of life in order to establish careers before undertaking motherhood. The numbers of births to mothers thirty-five years and older certainly gives a certain amount of credence to this hypothesis. Although the number of births to women 35 years and older still lags far behind the number of teenage births, a 44 percent increase in such births over the last five years may indicate a gradual intersection of these two trend lines.

FIGURE 1



There were 346 mothers ages 35 years and older who gave birth to their first child in 1983. If they were looking for advice on motherhood after 35, an interesting target group for such a network would be mothers who have five year olds at this time. The new mothers would be searching for a scant 169 mothers who gave birth to their first child at age 35 years and older in 1979.

NON TRADITIONAL FAMILY CONFIGURATIONS Although the number of total births declined in 1983 the number of births to single mothers continued its long term increase. There were 6,467 births to unwed Oregon residents, representing 16.2 percent of the total births. The number of unwed births has always been a concern to public health officials, since many poor pregnancy outcomes such as low birth weight and neonatal mortality are associated with it. This association remains even after controlling for mother's age and educational achievements.

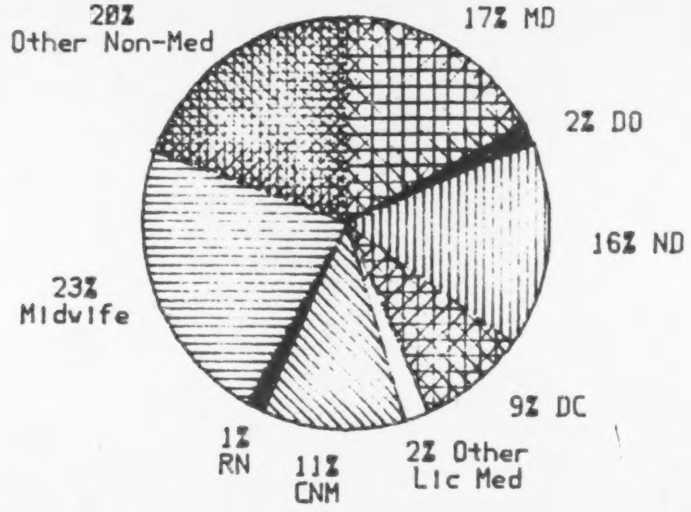
NON HOSPITAL BIRTH SETTINGS The percentage of births occurring outside of the hospital setting has been increasing steadily the last five years. Five percent of the total 1983 births occurred in some type of alternative setting. Three point eight percent of Oregon births in 1980 did not occur in a hospital setting. The out-of-hospital birth rates, when compared with the latest national statistics available, indicate that Oregon has the highest percentage of out-of-hospital births. Nationwide, 1 percent of births occurred out of a hospital setting. This truely seems to be a Pacific Northwest phenomenon as Washington and Idaho come closest to Oregon, with 3.3 and 2.6 percent respectively.

Aside from alternative settings (such as home delivery) another way pregnant women exercise options is with the choice of delivery attendant. Most of the in-hospital births have a medical doctor assisting their deliveries and this practice has been consistent in recent years with ninety-three percent being physician attended. A fine dissection of the statistics of the attendants delivering out-of-hospital births reveals some interesting activity in the last five years. Although this represents only 2,060 of the total in 1983, we find that the market share of attendants delivering these services changing in the last five years. Doctors have picked up 4 percent of the out-of-hospital deliveries. They now represent 433 births or 21.0 percent. In 1979, doctors delivered 284 out-of-hospital births or 17.1 percent. Certified nurse midwives delivered 11.4 percent of the out-of-hospital births in 1979; in 1983, they delivered 21.7 percent of the births. Lay midwives delivered 22.4 percent of the out-of-hospital births in 1979 and 25.8 percent of the 1983 births. In 1979, all midwives delivered 33.8 percent of the out-of-hospital births, in 1983, their market share had risen to 47.5 percent and a total of 980 births.

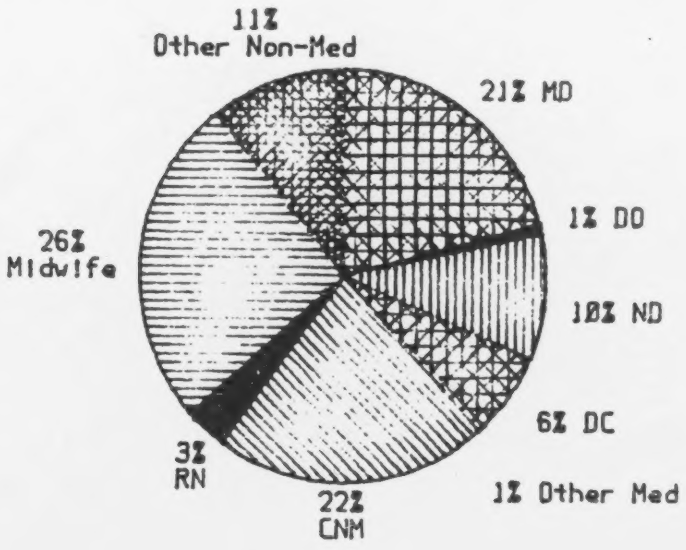
Keeping up with this trend in midwives attending out-of-hospital births and indeed pacing the way for its increase has been Lane County. About half of all the children delivered by certified nurse midwives (CNM) were delivered in Lane County. This trend began in Lane County in 1979. Josephine County is another area that has a larger proportion in the CNM attendant category relative to the percent of births in that county. One-fourth of the CNM attended births occurred in Josephine. Multnomah and Washington Counties, although second and third (following Lane) in the percentage of out-of-hospital births delivered in 1983, had no deliveries attended by certified nurse midwives.

FIGURE 2

OUT OF HOSPITAL BIRTH ATTENDANT
Oregon Residents 1979



OUT-OF-HOSPITAL BIRTH ATTENDANT
Oregon Residents 1983



OREGON'S MINORITY POPULATION

As in previous years, Oregon's minority population show significant differences in birthing patterns and circumstances. In the total population, 11.1 percent of the births were to mothers less than 20 years of age; however, Indian and Black populations were 21.7 percent and 20.9 percent respectively.

A vast difference is noticed when analyzing the mother's marital status at birth of child and race of child. Those Black children born to married mothers were in the minority in 1983. The percentage of children born to unwed mothers was 55.6 percent in the Black populations. Thirty-nine point six percent of the Indian babies were born to unwed mothers. Only 14.9 percent of the White babies were born to unwed mothers.

Mother's educational level differed among the races. Seventeen point six percent of the White babies were parented by mothers with less than a high school education. The Black children had 25.2 percent of their mothers with less than a high school education. Indian children had 38.7 percent of their mothers not completing high school.

These differences are important in that they are historically associated with indications of poor pregnancy outcomes, such as low birthweight, infant mortality or morbidity. The percentages of low birthweight babies are more pronounced in the minority populations. Five percent of all 1983 births weighed less than 2,500 grams. However, 9.6 percent of the Black babies born were in this weight category.

Even though the statistics do not reflect a favorable public health status for Blacks and Indians, the news is quite good for the other non-white races. These races consist of Chinese, Japanese, Filipino, other Asian and Pacific Islanders and other Non-White. They consistently show more favorable risk factors than the White population. This category contained 1,154 resident births in 1983.

TABLE 8. AGE SPECIFIC BIRTH RATES, FERTILITY RATES, AND TOTAL FERTILITY RATES, OREGON, 1940, 1950, 1960, 1970, 1975-1983

YEAR	TOTAL FERTILITY RATES	FERTILITY RATES	AGE SPECIFIC BIRTH RATES					
			15-19	20-24	25-29	30-34	35-39	40-44
1940	2,009	69.4	46.2	132.8	114.1	68.0	31.7	9.0
1950	3,228	108.8	92.9	223.0	169.5	100.9	46.7	12.6
1960	3,588	112.5	88.2	283.8	189.3	96.3	46.3	13.7
1970	2,256	81.5	58.9	167.5	139.4	58.3	21.7	5.4
1975	1,677	64.5	47.2	112.4	111.6	47.0	14.4	2.8
1976	1,692	65.1	48.3	110.9	112.3	49.4	14.5	3.0
1977	1,762	67.6	47.4	116.3	114.9	55.0	15.8	2.9
1978	1,757	67.3	49.3	115.1	111.3	56.8	16.1	2.8
1979	1,808	69.0	48.8	117.1	114.7	61.0	16.9	3.0
1980	1,830	69.3	50.9	124.3	112.9	57.8	17.2	2.8
1981	1,822	68.1	51.5	121.3	112.8	59.3	16.6	3.0
1982	1,781	65.2	45.7	119.1	109.1	60.3	18.6	3.3
1983	1,776	64.1	42.8	114.0	110.8	64.7	19.7	3.3

Rates are per 1,000 female population within the specific age group.
Births to mothers under 15 and over 44 were not included.

TABLE 9. RESIDENT BIRTHS BY AGE GROUP OF MOTHER, OREGON, 1955-1983

YEAR	TOTAL	AGE-GROUP OF MOTHER																
		Under 15		15-19		20-24		25-29		30-34		35-39		40-44		45 +		N.S.*
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.
1955	38,678	19	0.0	4,939	12.8	12,968	33.5	10.339	26.7	6,346	16.4	3,194	8.3	835	2.2	36	0.1	2
1956	38,423	21	0.1	5,230	13.6	13,029	33.9	10,035	26.1	6,119	15.9	3,098	8.1	831	2.2	50	0.1	10
1957	37,828	19	0.1	5,267	13.9	13,162	34.8	9,509	25.1	5,939	15.7	3,051	8.1	832	2.2	47	0.1	2
1958	36,295	26	0.1	5,147	14.2	12,761	35.2	9,222	25.4	5,519	15.2	2,763	7.6	819	2.3	36	0.1	2
1959	36,634	21	0.1	5,351	14.6	13,390	36.6	9,052	24.7	5,314	14.5	2,732	7.5	737	2.0	35	0.1	2
1960	38,347	31	0.1	5,896	15.4	14,122	36.8	9,338	24.4	5,303	13.8	2,808	7.3	799	2.1	48	0.1	2
1961	37,475	25	0.1	5,738	15.3	14,434	38.5	8,891	23.7	5,012	13.4	2,597	6.9	733	2.0	42	0.1	3
1962	36,983	19	0.1	5,882	15.9	14,246	38.5	8,743	23.6	4,817	13.0	2,497	6.8	737	2.0	39	0.1	3
1963	34,863	32	0.1	5,546	15.9	13,616	39.1	8,322	23.9	4,352	12.5	2,266	6.5	694	2.0	35	0.1	-
1964	33,500	30	0.1	5,356	16.0	13,302	39.7	7,986	23.8	4,088	12.2	2,079	6.2	619	1.8	38	0.1	2
1965	32,955	29	0.1	5,758	17.5	13,154	39.9	7,640	23.2	3,786	11.5	1,976	6.0	582	1.8	29	0.1	1
1966	32,446	31	0.1	5,989	18.5	13,044	40.2	7,688	23.7	3,352	10.3	1,781	5.5	521	1.6	38	0.1	2
1967	31,446	43	0.1	5,646	18.0	13,012	41.4	7,585	24.1	3,185	10.1	1,518	4.8	430	1.4	25	0.1	2
1968	32,136	39	0.1	5,789	18.0	13,071	40.7	8,304	25.8	3,170	9.9	1,332	4.1	405	1.3	25	0.1	1
1969	33,834	49	0.1	5,771	17.1	13,779	40.7	9,221	27.3	3,365	9.9	1,241	3.7	372	1.1	32	0.1	4
1970	35,353	41	0.1	6,027	17.0	14,587	41.3	9,778	27.7	3,373	9.5	1,195	3.4	324	0.9	27	0.1	1
1971	33,344	51	0.2	5,591	16.8	13,958	41.9	9,218	27.6	3,222	9.7	1,019	3.1	257	0.8	19	0.1	9
1972	31,308	52	0.2	5,531	17.7	12,374	39.5	9,141	29.2	3,046	9.7	920	2.9	226	0.7	12	0.0	6
1973	30,902	66	0.2	5,349	17.3	11,936	38.6	9,332	30.2	3,145	10.2	848	2.7	201	0.7	20	0.1	5
1974	32,506	66	0.2	5,356	16.5	12,612	38.8	10,039	30.9	3,465	10.7	810	2.5	145	0.4	8	0.0	5
1975	33,352	57	0.2	5,206	15.6	12,716	38.1	10,718	32.1	3,576	10.7	888	2.7	167	0.5	9	0.0	5
1976	34,840	67	0.2	5,367	15.4	12,895	37.0	11,386	23.7	3,992	11.5	935	2.7	180	0.5	11	0.0	7
1977	37,467	69	0.2	5,303	14.2	13,830	36.9	12,285	32.8	4,723	12.6	1,069	2.9	174	0.5	9	0.0	5
1978	38,964	72	0.2	5,588	14.3	13,906	35.7	12,710	32.6	5,319	13.7	1,181	3.0	178	0.5	7	0.0	3
1979	41,564	70	0.2	5,544	13.3	14,451	34.8	13,864	33.4	6,109	14.7	1,316	3.2	193	0.5	12	0.0	5
1980	43,091	71	0.2	5,658	13.1	14,912	34.6	14,297	33.2	6,499	15.1	1,456	3.4	185	0.4	11	0.0	2
1981	42,974	61	0.1	5,483	12.8	14,338	33.4	14,292	33.3	7,102	16.5	1,479	3.4	207	0.5	12	0.0	-
1982	41,012	52	0.1	4,783	11.7	13,422	32.7	13,534	33.0	7,202	17.6	1,765	4.3	241	0.6	13	0.0	-
1983	39,949	52	0.1	4,375	11.0	12,595	32.8	13,106	32.8	7,626	19.1	1,938	4.9	244	0.6	11	0.0	2

* N.S. Indicates age not stated. Insignificant percentage.

TABLE 10. RESIDENT BIRTHS BY RACE OF CHILD OF CHILD, OREGON, 1955-1983

YEAR	TOTAL	RACE OF CHILD						
		White	Black	Indian	Chinese	Japanese	Other	Not Stated
1955	38,678	37,575	526	309	74	135	59	-
1956	38,423	37,346	548	267	71	129	62	-
1957	37,828	36,705	530	340	80	121	52	-
1958	36,295	35,138	538	340	65	128	85	1
1959	36,634	35,384	599	376	69	128	78	-
1960	38,347	36,958	651	432	78	134	94	-
1961	37,475	36,128	585	451	72	148	91	-
1962	36,983	35,717	613	385	68	115	85	-
1963	34,863	33,545	617	418	72	105	106	-
1964	33,500	32,199	613	417	69	105	97	-
1965	32,955	31,671	590	425	66	112	91	-
1966	32,446	31,247	567	371	77	82	102	-
1967	31,446	30,270	583	368	63	74	88	-
1968	32,136	30,968	543	363	71	85	106	-
1969	33,834	32,427	626	451	95	95	139	1
1970	35,353	33,729	677	552	86	127	179	3
1971	33,344	31,850	654	478	90	106	158	8
1972	31,308	29,756	657	492	89	110	185	19
1973	30,902	29,349	621	510	77	113	214	18
1974	32,506	30,800	706	515	80	109	272	24
1975	33,352	31,487	760	567	97	117	290	34
1976	34,840	32,923	728	550	104	138	339	58
1977	37,467	35,361	894	527	109	134	369	73
1978	38,964	36,617	947	581	107	144	546	22
1979	41,564	38,983	977	627	147	151	661	18
1980	43,091	40,151	1,012	687	169	147	908	17
1981	42,974	39,863	920	660	154	163	1,211	3
1982	41,012	37,951	976	643	176	185	1,077	4
1983	39,949	37,065	982	688	171	169	871	3

TABLE 11. RESIDENT BIRTHS BY AGE OF MOTHER AND BY BIRTHWEIGHT, OREGON 1983

BIRTH WEIGHT	TOTAL	AGE OF MOTHER							
(Grams)		<15	15-19	20-24	25-29	30-34	35-39	40-44	45+
TOTAL**	39,949	52	4,375	12,595	13,106	7,626	1,938	244	11
499 or less	32	1	6	11	9	5	-	-	-
500-999	135	1	16	37	44	30	7	-	-
1000-1499	171	1	32	44	50	36	7	1	-
1500-1999	389	3	61	125	109	71	15	4	1
2000-2499	1,270	3	199	434	383	195	47	7	2
2500-2999	4,983	9	675	1,740	1,495	821	205	37	1
3000-3499*	13,977	18	1,738	4,582	4,518	2,439	606	74	1
3500-3999*	13,238	13	1,239	4,069	4,488	2,664	686	74	4
4000-4499	4,686	3	348	1,303	1,625	1,081	285	41	-
4500-4999	930	-	53	218	346	244	63	4	2
5000 & over	131	-	7	29	38	39	16	2	-
Not Stated	7	-	1	3	1	1	1	-	-
%1499 or less	0.8	5.8	1.2	.7	.8	.9	.7	.4	-
%1500-2499	4.2	11.5	5.9	4.4	3.8	3.5	3.2	4.5	27.3
%2500-4499	92.3	82.7	91.4	92.8	92.5	91.9	92.0	92.6	54.5
%4500 & over	2.7	-	1.4	2.0	2.9	3.7	4.1	2.5	18.2

* Includes 1 with age not stated.

** Includes 2 with age not stated.

TABLE 12. RESIDENT BIRTHS TO UNWED MOTHERS BY AGE OF MOTHER & BIRTHWEIGHT, OREGON 1983

BIRTH WEIGHT	TOTAL	AGE OF MOTHER							
(Grams)		<15	15-19	20-24	25-29	30-34	35-39	40-44	45+
TOTAL	6,467	47	2,188	2,350	1,193	518	152	18	1
499 or less	8	1	3	2	1	1	-	-	-
500-999	28	1	8	9	8	2	-	-	-
1000-1499	38	1	15	10	6	6	-	-	-
1500-1999	88	3	26	30	17	10	2	-	-
2000-2499	322	3	118	106	65	21	9	-	-
2500-2999	1,143	8	384	442	190	92	22	4	1
3000-3499	2,473	15	875	905	441	176	54	7	-
3500-3999	1,774	13	580	651	339	142	44	5	-
4000-4499	498	2	150	172	102	58	12	2	-
4500-4999	84	-	27	22	20	8	7	-	-
5000 & over	9	-	1	1	3	2	2	-	-
Not stated	2	-	1	-	1	-	-	-	-
% <1499	1.1	6.4	1.2	.9	1.3	1.7	-	-	-
%1500-2499	6.3	12.8	6.6	5.8	6.9	6.0	7.2	-	-
%2500-4499	91.0	80.9	90.9	92.3	89.9	90.3	86.8	100.0	100.0
%4500 & over	1.4	-	1.3	1.0	1.9	1.9	5.9	-	-

TABLE 13. RESIDENT BIRTHS BY AGE OF MOTHER AND LIVE BIRTH ORDER, OREGON 1983

LIVE BIRTH ORDER	TOTAL	AGE OF MOTHER							
		<15	15-19	20-24	25-29	30-34	35-39	40-44	45+
TOTAL	39,949	52	4,375	12,595	13,106	7,626	1,938	244	11
First	16,522	52	3,480	6,154	4,518	1,971	325	22	-
Second	13,628	-	777	4,655	4,991	2,665	514	26	-
Third	6,179	-	107	1,444	2,418	1,714	448	46	-
Fourth	2,205	-	10	288	855	712	284	55	1
Fifth	815	-	1	43	239	325	169	37	1
Sixth	309	-	-	8	50	142	92	16	1
Seventh	146	-	-	2	29	59	43	11	2
Eighth	66	-	-	1	6	24	22	11	2
Ninth +	79	-	-	-	-	14	41	20	4

TABLE 14. TOTAL PREGNANCIES BY TYPE OF OUTCOME AND AGE GROUPS, OREGON OCCURRENCE, 1983

TYPE OF OUTCOME	TOTAL	AGE OF MOTHER							
		<15	15-19	20-24	25-29	30-34	35-39	40-44	45+
TOTAL	53,389	130	7,401	16,391	15,608	8,953	2,510	361	22
LIVE BIRTHS	41,047[1]	55	4,492	12,911	13,475	7,848	1,994	259	11
Percent	76.9	42.3	60.7	78.8	86.3	87.7	79.4	71.7	50.0
FETAL DEATHS	278		33	86	73	54	28	4	-
Percent	0.5		0.4	0.5	0.5	0.6	1.1	1.1	
INDUCED ABORTIONS	12,064[2]	75	2,876	3,394	2,060	1,051	488	98	11
Percent	22.6	57.7	38.9	20.7	13.2	11.7	19.4	27.1	50.0

Occurrence figures are required because of incomplete reporting on certain demographic items.

[1] Includes 2 with age not stated.
[2] includes 2,011 with age not stated.

TABLE 15 RESIDENT BIRTHS BY AGE OF MOTHER, OREGON, 1983

COUNTY OF RESIDENCE	TOTAL	AGE OF MOTHER							
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+
STATE	39,949 1/	52	4,375	12,595	13,106	7,626	1,938	244	11
Baker	256	1	35	84	81	45	9	1	-
Benton	859	1	43	176	340	227	66	6	-
Clackamas	3,362	8	290	939	1,109	802	193	20	1
Clatsop	463	-	61	151	147	87	16	1	-
Columbia	522	1	74	179	161	76	30	1	-
Coos	858	1	129	311	248	128	37	4	-
Crook	184	-	25	74	55	24	3	2	1
Curry	235	-	39	78	75	38	5	-	-
Deschutes	950	-	98	281	335	186	47	3	-
Douglas	1,299	3	183	505	369	192	44	3	-
Gilliam	35	-	4	12	15	4	-	-	-
Grant	131	-	11	49	41	20	8	2	-
Harney	111	-	11	33	45	15	6	1	-
Hood River	273	-	38	77	99	47	12	-	-
Jackson	1,871	-	215	629	606	332	78	11	-
Jefferson	259	-	48	97	63	39	11	1	-
Josephine	801	-	136	248	248	132	32	5	-
Klamath	880	2	131	325	260	120	37	5	-
Lake	122	-	19	39	43	12	9	-	-
Lane	3,968	3	418	1,214	1,280	821	211	21	-
Lincoln	529	-	58	186	160	97	25	3	-
Linn	1,313	-	198	471	387	198	51	8	-
Malheur	501	2	73	179	141	76	23	7	-
Marion	3,465	6	407	1,157	1,064	630	172	28	1
Morrow	140	1	18	57	43	20	1	-	-
Multnomah	8,563 2/	15	851	2,542	2,945	1,738	408	57	6
Polk	596	2	64	187	204	101	34	4	-
Sherman	26	-	2	10	10	4	-	-	-
Tillamook	306	-	38	115	88	45	17	3	-
Umatilla	1,084	1	147	442	299	149	41	4	1
Union	376	1	44	127	130	54	15	5	-
Wallowa	127	-	13	45	46	21	2	-	-
Wasco	341	1	39	110	115	54	20	2	-
Washington	4,208 2/	2	313	1,146	1,548	919	247	31	1
Wheeler	18	-	-	7	10	1	-	-	-
Yamhill	917	1	102	313	296	172	28	5	-

1/ Includes two with age not stated

2/ Includes one with age not stated

TABLE 16 RESIDENT BIRTHS TO UNWED MOTHERS BY AGE OF MOTHER, OREGON, 1983

COUNTY OF RESIDENCE	TOTAL	AGE OF MOTHER							
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+
STATE	6,467	47	2,188	2,350	1,193	518	152	18	1
Baker	36	1	14	9	5	6	1	-	-
Benton	62	1	16	19	20	2	4	-	-
Clackamas	376	8	144	117	72	27	6	2	-
Clatsop	62	-	25	19	10	6	2	-	-
Columbia	80	1	29	34	7	6	3	-	-
Coos	145	1	58	53	16	12	4	1	-
Crook	19	-	8	5	3	3	-	-	-
Curry	29	-	9	10	5	3	2	-	-
Deschutes	122	-	42	41	30	6	3	-	-
Douglas	188	2	72	70	29	15	-	-	-
Gilliam	4	-	3	1	-	-	-	-	-
Grant	15	-	3	8	3	-	1	-	-
Harney	9	-	3	5	1	-	-	-	-
Hood River	36	-	11	9	6	8	2	-	-
Jackson	303	-	96	113	51	34	8	1	-
Jefferson	77	-	31	29	11	5	1	-	-
Josephine	169	-	60	53	39	12	4	1	-
Klamath	141	2	55	51	23	7	3	-	-
Lake	8	-	4	3	1	-	-	-	-
Lane	667	3	207	245	114	69	29	-	-
Lincoln	94	-	23	36	22	10	3	-	-
Linn	213	-	93	75	33	10	2	-	-
Malheur	57	1	17	22	12	5	-	-	-
Marion	587	4	213	213	93	42	19	2	1
Morrow	22	1	9	10	1	1	-	-	-
Multnomah	1,901	14	588	712	394	150	34	9	-
Polk	115	2	38	41	26	7	1	-	-
Sherman	1	-	-	1	-	-	-	-	-
Tillamook	56	-	18	18	11	6	3	-	-
Umatilla	176	1	67	79	15	11	3	-	-
Union	49	1	14	17	14	3	-	-	-
Wallowa	12	-	4	4	4	-	-	-	-
Wasco	42	1	13	12	12	4	-	-	-
Washington	476	2	148	177	95	38	14	2	-
Wheeler	1	-	-	-	-	1	-	-	-
Yamhill	117	1	53	39	15	9	-	-	-

TABLE 17. BIRTHS BY COUNTY OF RESIDENCE BY SEX AND RACE OF CHILD, OREGON, 1983

COUNTY OF RESIDENCE	TOTAL	SEX OF CHILD		RACE OF CHILD								
				White*								
		Male	Female	Total White	His-panic	Black	Indian	Chin-ese	Japan-ese	Fili-pino	Other Asian & Pacific Islander	Other Non-White
TOTAL	39,949	20,446	19,503	37,065	1,490	982	688	171	169	126	736	9
Baker	256	128	128	254	5	-	1	-	-	-	1	-
Benton	859	436	423	804	9	16	6	9	4	4	15	1
Clackamas	3,362	1,680	1,682	3,248	57	17	23	9	18	10	34	3
Clatsop	463	241	222	449	6	1	3	-	2	3	5	-
Columbia	522	285	237	514	9	1	-	-	2	-	5	-
Coos	858	431	427	828	11	1	19	-	1	3	6	-
Crook	184	92	92	178	9	-	5	-	-	-	1	-
Curry	235	130	105	225	5	-	8	-	-	-	1	-
Deschutes	950	486	464	924	20	2	13	1	1	1	8	-
Douglas	1,299	651	648	1,262	27	2	22	2	1	2	8	-
Gilliam	35	19	16	35	2	-	-	-	-	-	-	-
Grant *	131	59	72	130	2	-	-	-	-	-	-	-
Harney	111	51	60	104	1	1	5	-	-	1	-	-
Hood River	273	149	124	261	65	3	1	2	4	-	2	-
Jackson	1,871	986	885	1,829	53	3	21	4	5	3	6	-
Jefferson	259	125	134	154	28	2	102	-	-	-	1	-
Josephine	801	401	400	752	25	8	30	1	2	4	4	-
Klamath **	880	443	437	803	43	9	57	2	-	2	6	-
Lake	122	55	67	120	4	-	-	-	-	1	1	-
Lane	3,968	2,036	1,932	3,818	63	39	35	24	8	5	39	-
Lincoln	529	261	268	492	1	2	27	1	-	1	6	-
Linn	1,313	646	667	1,276	22	3	14	2	1	3	13	1
Malheur	501	253	248	466	129	6	7	1	20	-	1	-
Marion	3,465	1,785	1,680	3,300	304	32	58	5	7	12	51	-
Morrow	140	67	73	139	15	1	-	-	-	-	-	-
Multnomah *	8,563	4,424	4,139	7,116	146	787	133	82	48	41	354	1
Polk	596	301	295	573	36	1	10	1	3	-	8	-
Sherman	26	13	13	25	1	-	-	-	-	-	-	-
Tillamook	306	165	141	295	2	1	4	-	2	2	2	-
Umatilla	1,084	554	530	1,029	113	7	34	-	2	3	9	-
Union	376	188	188	358	3	1	9	-	-	-	8	-
Wallowa	127	61	66	127	-	-	-	-	-	-	-	-
Wasco	341	183	158	326	16	-	9	-	1	-	3	2
Washington	4,208	2,182	2,026	3,938	206	33	25	24	32	23	132	1
Wheeler	18	9	9	18	1	-	-	-	-	-	-	-
Yamhill	917	470	447	895	52	3	6	1	5	2	5	-

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*The number of Hispanic births is not complete since certificates request racial rather than ethnic origins. All Hispanic are recorded as white in national vital statistics. Total Whites includes Hispanic.

**Includes 3 not stated births.

*Counties having "not stated" figures included in total.

TABLE 18 RESIDENT LOW BIRTH WEIGHT INFANTS, OREGON, 1983

COUNTY OF RESIDENCE	ALL LIVE BIRTHS	LOW BIRTH WEIGHT INFANTS					
		TOTAL		1499 Gr. or Less		1500-2499 Grams	
		Number	Rate	Number	Rate	Number	Rate
STATE	39,949	1,997	50.0	338	8.5	1,659	41.5
Baker	256	19	74.2	3	11.7	16	62.5
Benton	859	36	41.9	7	8.1	29	33.8
Clackamas	3,362	158	47.0	23	6.8	135	40.2
Clatsop	463	28	60.5	6	13.0	22	47.5
Columbia	522	28	53.6	3	5.7	25	47.9
Coos	858	41	47.8	4	4.7	37	43.1
Crook	184	14	76.1	-	-	14	76.1
Curry	235	10	42.6	1	4.3	9	38.3
Deschutes	950	51	53.7	7	7.4	44	46.3
Douglas	1,299	49	37.7	3	2.3	46	35.4
Gilliam	35	3	85.7	-	-	3	85.7
Grant	131	5	38.2	1	7.6	4	30.5
Harney	111	1	9.0		-	1	9.0
Hood River	273	10	36.6	3	11.0	7	25.6
Jackson	1,871	101	54.0	11	5.9	90	48.1
Jefferson	259	12	46.3	2	7.7	10	38.6
Josephine	801	35	43.7	9	11.2	26	32.5
Klamath	880	56	63.6	6	6.8	50	56.8
Lake	122	4	32.8	-	-	4	32.8
Lane	3,968	177	44.6	27	6.8	150	37.8
Lincoln	529	19	35.9	1	1.9	18	34.0
Linn	1,313	58	44.2	8	6.1	50	38.1
Malheur	501	30	59.9	3	6.0	27	53.9
Marion	3,465	161	46.5	28	8.1	133	38.4
Morrow	140	6	42.9	1	7.1	5	35.7
Multnomah	8,563	483	56.4	95	11.1	388	45.3
Polk	596	31	52.0	10	16.8	21	35.2
Sherman	26	4	153.8	1	38.5	3	115.4
Tillamook	306	16	52.3	3	9.8	13	42.5
Umatilla	1,084	65	60.0	20	18.5	45	41.5
Union	376	25	66.5	4	10.6	21	55.9
Wallowa	127	8	63.0	1	7.9	7	55.1
Wasco	341	30	88.0	5	14.7	25	73.3
Washington	4,208	190	45.2	37	8.8	153	36.4
Wheeler	18	-	-	-	-	-	-
Yamhill	917	33	36.0	5	5.5	28	30.5

All rates per 1,000 Live Births

TABLE 19. CONGENITAL MALFORMATIONS BY SITE REPORTED ON BIRTH CERTIFICATE BY COUNTY OF RESIDENCE, OREGON, 1983

COUNTY OF RESIDENCE	TOTAL	NERVOUS SYSTEM AND SENSE ORGANS				CIRCULATORY SYSTEM		DIGESTIVE SYSTEM		
		ANENCEPHALUS	SPINA BIFIDA	OTHER NERVOUS SYSTEM	SENSE ORGANS	HEART	OTHER	CLEFT PALATE AND/OR LIP	UPPER ALIMENTARY TRACT	OTHER
TOTAL	470	5	13	11	21	6	47	42	11	17
Baker	4	-	-	-	1	-	-	-	-	-
Benton	7	-	-	1	-	-	-	-	2	-
Clackamas	23	1	-	1	2	1	2	2	-	1
Clatsop	7	-	1	-	-	-	-	1	1	-
Columbia	12	-	-	-	-	-	1	2	-	-
Coos	15	-	-	2	2	-	2	1	-	1
Crook	5	-	-	-	-	-	1	-	-	-
Curry	3	-	-	-	-	-	-	1	-	-
Deschutes	33	-	-	-	-	-	1	2	-	-
Douglas	14	-	-	1	-	-	3	2	1	1
Gilliam	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-
Harney	3	-	-	-	1	-	-	-	-	-
Hood River	2	-	-	-	-	-	-	-	-	-
Jackson	11	-	-	1	-	-	1	1	1	-
Jefferson	7	-	-	-	-	-	1	1	1	-
Josephine	12	-	-	-	-	-	-	-	-	1
Klamath	13	-	-	-	3	-	3	1	-	-
Lake	7	-	-	-	1	1	-	-	1	-
Lane	39	-	2	3	2	-	2	3	1	2
Lincoln	4	-	-	-	-	-	1	1	-	1
Linn	18	-	-	-	1	-	2	4	2	-
Malheur	8	-	-	-	-	-	3	-	-	-
Marion	32	-	2	-	2	-	2	4	-	2
Morrow	1	-	-	-	-	-	-	-	-	-
Multnomah	102	1	4	-	3	3	13	11	1	2
Polk	7	2	-	-	1	-	-	-	-	1
Sherman	1	-	-	-	-	-	-	1	-	-
Tillamook	5	-	1	-	-	-	1	-	-	2
Umatilla	16	-	1	-	-	-	3	1	-	2
Union	5	-	-	-	-	-	-	-	-	-
Wallowa	-	-	-	-	-	-	-	-	-	-
Wasco	8	-	1	-	-	-	-	-	-	-
Washington	32	1	1	2	1	-	2	3	-	-
Wheeler	-	-	-	-	-	-	-	-	-	-
Yamhill	14	-	-	-	1	1	3	-	-	1

TABLE 19. CONGENITAL MALFORMATIONS BY SITE REPORTED ON BIRTH CERTIFICATE BY COUNTY OF RESIDENCE, OREGON, 1983, continued

COUNTY OF RESIDENCE	GENITO-URINARY SYSTEM			MUSCULOSKELATAL SYSTEM					OTHER SPECIFIED			MULTIPLE SITES
	HYPOSPADIAS	OTHER GENITAL ORGANS	URINARY ORGANS	CLUBFOOT	POLYDACTYLY	SYNDACTYLY	CONGENITAL DIS-LOCATION of HIP	OTHER	DOWN'S SYNDROME	SKIN	OTHER SPECIFIED SITES	
TOTAL	22	13	10	29	14	5	34	51	18	26	22	53
Baker	-	-	-	1	-	-	-	-	1	-	-	1
Benton	-	1	-	1	-	-	-	1	-	1	-	-
Clackamas	-	-	-	-	2	-	-	2	1	1	1	6
Clatsop	-	-	-	1	-	-	-	2	1	-	-	-
Columbia	-	1	2	-	-	-	3	-	-	2	1	-
Coos	2	2	-	1	-	-	-	-	1	-	-	1
Crook	-	-	-	1	-	-	1	2	-	-	-	-
Curry	-	-	-	-	-	-	-	2	-	-	-	-
Deschutes	1	1	-	2	-	1	10	5	2	4	2	2
Douglas	2	-	-	2	-	-	-	-	-	-	-	2
Gilliam	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-
Harney	-	-	-	-	-	-	-	1	-	-	-	1
Hood River	1	-	1	-	-	-	-	-	-	-	-	-
Jackson	1	-	-	-	-	1	-	1	1	1	-	2
Jefferson	-	1	-	-	-	1	-	-	-	-	-	2
Josephine	-	1	1	2	-	-	1	1	-	2	-	3
Klamath	-	-	-	-	1	-	3	1	1	-	-	-
Lake	-	-	-	-	-	-	2	1	-	1	-	-
Lane	2	1	-	2	2	-	1	7	3	-	2	4
Lincoln	-	-	-	-	-	-	-	1	-	-	-	-
Linn	2	-	2	-	-	-	1	2	-	2	-	-
Malheur	-	-	-	1	-	-	2	2	-	-	-	-
Marion	1	1	1	3	-	1	1	4	-	2	1	5
Morrow	-	-	-	1	-	-	-	-	-	-	-	-
Multnomah	6	2	2	5	5	-	5	9	3	7	7	13
Polk	-	-	-	1	-	-	-	1	-	-	-	1
Sherman	-	-	-	-	-	-	-	-	-	-	-	-
Tillamook	-	-	-	-	-	-	-	-	-	-	-	1
Umatilla	-	-	-	1	2	-	1	1	-	1	1	2
Union	-	-	-	1	-	-	1	-	2	-	1	-
Wallowa	-	-	-	-	-	-	-	-	-	-	-	-
Wasco	-	-	-	1	-	-	1	1	-	1	1	2
Washington	4	1	1	2	1	1	-	3	2	1	3	3
Wheeler	-	-	-	-	-	-	-	-	-	-	-	-
Yamhill	-	1	-	-	1	-	1	1	-	-	2	2

TABLE 20. BIRTHS BY COUNTY OF OCCURRENCE BY TYPE OF INSTITUTION AND BY DELIVERY ATTENDANT, OREGON, 1983

COUNTY OF OCCURRENCE	TOTAL	IN HOSPITAL OR BORN ON ARRIVAL					
		Total	M.D.	D.O.	CNM	R.N.	Other Licensed Medical
TOTAL	41,047	38,987	36,221	1,312	1,338	87	29
Baker	182	175	173	-	-	-	2
Benton	1,221	1,163	1,040	51	71	1	-
Clackamas	1,296	1,138	1,122	15	-	-	1
Clatsop	505	487	481	-	-	6	-
Columbia	102	88	88	-	-	-	-
Coos	833	805	805	-	-	-	-
Crook	129	125	125	-	-	-	-
Curry	152	77	40	27	10	-	-
Deschutes	1,141	1,108	1,105	-	-	-	3
Douglas	1,231	1,194	1,146	44	-	1	3
Gilliam	-	-	-	-	-	-	-
Grant	117	104	100	-	-	4	-
Harney	92	87	87	-	-	-	-
Hood River	226	219	219	-	-	-	-
Jackson	1,996	1,923	1,437	84	400	-	2
Jefferson	190	188	187	-	-	1	-
Josephine	884	730	714	13	-	3	-
Klamath	917	903	903	-	-	-	-
Lake	115	115	115	-	-	-	-
Lane	4,104	3,743	3,037	20	676	10	-
Lincoln	409	367	329	16	-	21	1
Linn	956	880	783	80	17	-	-
Malheur	601	599	599	-	-	-	-
Marion	3,564	3,420	3,379	41	-	-	-
Morrow	17	15	8	7	-	-	-
Multnomah	14,241	13,907	13,465	309	109	11	13
Polk	207	158	22	135	-	1	-
Sherman	-	-	-	-	-	-	-
Tillamook	198	194	194	-	-	-	-
Umatilla	858	843	786	57	-	-	-
Union	488	479	454	20	-	5	-
Wallowa	68	53	53	-	-	-	-
Wasco	483	476	296	180	-	-	-
Washington	2,830	2,556	2,271	213	55	13	4
Wheeler	-	-	-	-	-	-	-
Yamhill	694	668	658	-	-	10	-

* See appendix for full title of attendants.

TABLE 20. BIRTHS BY COUNTY OF OCCURRENCE BY TYPE OF INSTITUTION AND BY DELIVERY ATTENDANT, OREGON, 1983, Continued

NOT IN HOSPITAL									
Total	M.D.	D.O.	N.D.	D.C.	CNM	R.N.	Midwife	Other Licensed Medical	Non-Medical
2,060	433	14	201	132	448	67	532	13	220
[illegible]	-	-	-	-	-	-	6	-	1
58	15	-	3	-	1	-	32	-	7
158	3	-	18	20	45	5	31	2	34
18	1	-	3	-	-	1	10	1	2
14	-	-	3	1	-	1	7	-	2
28	-	-	-	-	1	-	20	1	6
4	-	-	2	-	-	-	1	-	1
75	21	-	-	-	50	1	3	-	-
33	1	-	10	-	-	-	18	-	4
37	11	-	-	-	-	-	13	2	11
-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	12	-	1
5	-	-	-	-	-	-	3	-	2
7	-	-	1	-	-	-	4	-	2
73	-	-	-	5	1	33	17	2	15
2	1	-	1	-	-	-	-	-	-
154	24	-	-	-	98	1	26	-	5
14	1	-	-	-	-	-	2	-	11
-	-	-	-	-	-	-	-	-	-
361	44	11	4	3	213	1	68	-	17
42	16	-	20	1	2	2	1	-	-
76	33	-	2	1	1	7	27	1	4
2	-	-	-	-	-	-	1	-	1
144	5	-	3	23	7	9	52	1	44
2	-	-	-	-	-	-	1	-	1
334	49	-	99	55	-	2	100	1	28
49	5	3	-	4	29	1	5	-	2
-	-	-	-	-	-	-	-	-	-
4	-	-	3	-	-	-	1	-	-
15	-	-	-	-	-	-	11	-	4
9	-	-	-	3	-	-	3	-	3
15	-	-	-	14	-	-	-	1	-
7	2	-	-	-	-	-	3	-	2
274	201	-	19	-	-	1	47	-	6
-	-	-	-	-	-	-	-	-	-
26	-	-	10	2	-	2	7	1	4

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* See appendix for full title of attendants.

TABLE 21. MATERNAL RISK FACTORS BY COUNTY OF RESIDENCE, OREGON, 1983

County	Live Births	Inadequate Care	17 Years or Younger	35 Years or Older	4+ Live Births	Non-White	Less than 12 Years Education	Un-Wed	Plural
TOTAL	39,949	6.7	3.6	5.5	9.1	7.2	18.5	16.2	2.0
Baker	256	7.4	5.5	3.9	13.3	0.8	23.4	14.1	2.3
Benton	859	2.2	1.6	8.4	7.7	6.4	7.0	7.2	2.1
Clackamas	3,362	4.8	2.7	6.4	9.3	3.4	13.8	11.2	1.9
Clatsop	463	6.5	3.5	3.7	11.2	3.0	20.1	13.4	1.7
Columbia	522	6.3	4.2	5.9	9.8	1.5	16.3	15.3	2.7
Coos	858	7.1	4.7	4.8	7.9	3.5	25.1	16.9	2.3
Crook	184	8.7	3.8	3.3	12.5	3.3	26.6	10.3	3.3
Curry	235	7.7	3.0	2.1	7.2	4.3	14.5	12.3	1.7
Deschutes	950	5.6	3.3	5.3	7.5	2.7	15.9	12.8	.8
Douglas	1,299	6.6	4.1	3.6	8.5	2.8	24.4	14.5	1.6
Gilliam	35	5.7	.0	.0	2.9	.0	8.6	11.4	5.7
Grant	131	9.9	4.6	7.6	13.0	.0	18.3	11.5	.0
Harney	111	15.3	3.6	6.3	12.6	6.3	14.4	8.1	1.8
Hood River	273	10.6	3.7	4.4	10.6	4.4	26.4	13.2	1.5
Jackson	1,871	6.6	3.6	4.8	8.4	2.2	17.2	16.2	2.2
Jefferson	259	14.3	8.5	4.6	15.1	40.5	36.3	29.7	3.1
Josephine	801	7.4	5.9	4.6	10.2	6.1	24.2	21.1	2.0
Klamath	880	14.0	4.5	4.8	8.6	8.6	21.6	16.0	1.8
Lake	122	4.1	2.5	7.4	9.8	1.6	13.1	6.6	1.6
Lane	3,968	7.4	3.6	5.8	8.0	3.8	18.3	16.8	1.8
Lincoln	529	7.8	3.2	5.3	6.6	7.0	20.8	17.8	1.9
Linn	1,313	6.0	5.4	4.5	7.9	2.8	22.5	16.2	1.7
Malheur	501	8.8	5.0	6.0	18.0	7.0	22.2	11.4	1.2
Marion	3,465	7.5	4.0	5.8	12.1	4.8	22.6	16.9	2.5
Morrow	140	10.7	5.0	.7	7.9	.7	31.4	15.7	1.4
Multnomah	8,563	6.4	3.7	5.5	7.9	16.9	18.6	22.2	1.8
Polk	596	5.2	3.7	6.4	13.3	3.9	18.5	19.3	1.2
Sherman	26	11.5	.0	.0	11.5	3.8	11.5	3.8	.0
Tillamook	306	6.9	2.9	6.5	8.5	3.6	20.9	18.3	2.0
Umatilla	1,084	12.9	4.4	4.2	11.1	5.1	19.4	16.2	3.3
Union	376	6.9	3.2	5.3	12.0	4.8	12.8	13.0	2.7
Wallowa	127	4.7	4.7	1.6	6.3	.0	16.5	9.4	2.4
Wasco	341	6.5	3.5	6.5	10.6	4.4	20.5	12.3	2.3
Washington	4,208	3.8	2.3	6.6	7.8	6.4	13.3	11.3	2.1
Wheeler	18	.0	.0	.0	11.1	.0	5.6	5.6	.0
Yamhill	917	7.3	3.7	3.6	9.6	2.4	20.2	12.8	1.5

MORTALITY

MORTALITY

DEATH RATE DECLINE REVERSED

The steady decline in Oregon's death rate over the past decade reversed abruptly in 1983, increasing four and one-half percent in one year. A rate of 848.6 resident deaths per 100,000 population was recorded compared to 813.0 during 1982, 826.4 in 1979 and 896.7 in 1974. Nonetheless, Oregon's rate remains below the estimated national average of 858.9. Since 1979 the death rate for males declined 3.0 percent from 956.1 to 927.1 while the rate for females increased 10.0 percent, 702.7 to 773.0. The increase in age-specific rates during 1983 was greatest for 5-14 year-olds and 15-24 year-olds; 9.8 percent and 5.4 percent respectively. Smaller increases were recorded for 45-64 year-olds (2.0 percent) and persons 65 or older (1.2 percent) while the death rate declined 8.0 percent among 0-4 year-olds. The number of deaths, 22,361, is the highest recorded to date. One Oregon resident dies every 24 minutes.

HEART DISEASE DEATHS INCREASE

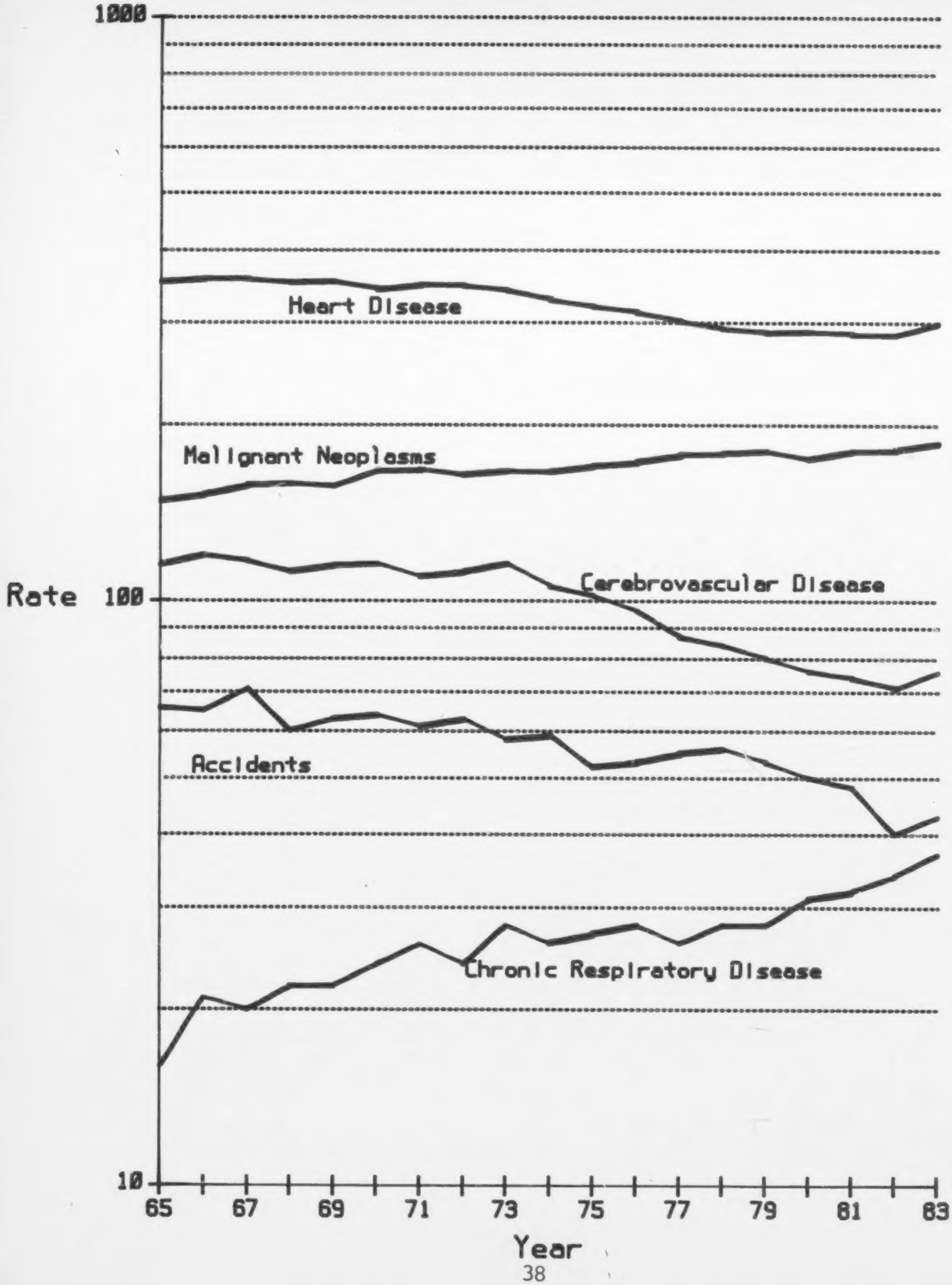
Heart disease death rates exhibited a steady decline during the 1970's; between 1979 and 1983 the total rate was relatively stable but with males exhibiting a decline and females an increase in deaths. However, in 1983, the rate (300.2) for both males and females increased gaining 4.9 percent overall. Oregon's rate is 8.4 percent less than the estimated U.S. rate of 327.6. Heart disease is the preeminent cause of death, accounting for more than one in three deaths, and one resident death every 1.1 hours. Many conditions are included in the complex of heart disease. Most common are myocardial infarctions, coronary occlusions, coronary thromboses and arteriosclerotic and cardiovascular heart diseases which comprise about 80 percent of all heart disease. The infarctions, occlusions and thromboses are acute, often terminal events, while the others represent chronic ailments of the cardiac function.

CANCER DEATHS INCREASE SLIGHTLY

The gradual upward trend over the past several decades in the malignant neoplasm death rate continued in 1983 reaching a record 187.6 compared to 188.3 for the U.S. Among males, the most common cancer site is the lungs. After increasing sharply since the mid-1950's, the rate appears to have plateaued in the early 1980's. The other common sites are, in order of occurrence: prostate, large intestine, pancreas and stomach. Lung cancer deaths continue to increase sharply among women, reaching a new high in 1983. Prior to 1982, breast cancer was the most common cancer site in women until it was displaced by lung cancer. The lung cancer death rate increased over 13 percent during 1983 alone, a consequence of increased smoking by women. Other common sites include: large intestine, ovary and pancreas. Cancer claims an Oregonian every 1.8 hours.

FIGURE 3

RATES OF SELECTED CAUSES OF DEATH
Oregon Residents 1965-1983



DECREASE IN CEREBROVASCULAR DEATHS REVERSED

The decade long decline in the cerebrovascular disease death rate reversed in 1983, increasing 7.1 percent to 76.7. Despite this, cerebrovascular disease remains the third leading cause of death overoverall after heart disease and malignant neoplasms. However, accidents rank third marginally for males with a rate of 63.4 compared to 63.1 for cerebrovascular disease. The cerebrovascular death rate for females is 89.8. The state's rate is 14.8 percent higher than the estimated national rate of 66.8. Every 4.3 hours an Oregon resident succumbs to cerebrovascular disease. Sudden circulatory crises such as strokes, thromboses and hemorrhages are common acute forms of these diseases; cerebral arteriosclerosis is a chronic form. These cerebral conditions account for about one death in ten, and are more common in the older age groups.

DEATHS DUE TO ACCIDENTS UP

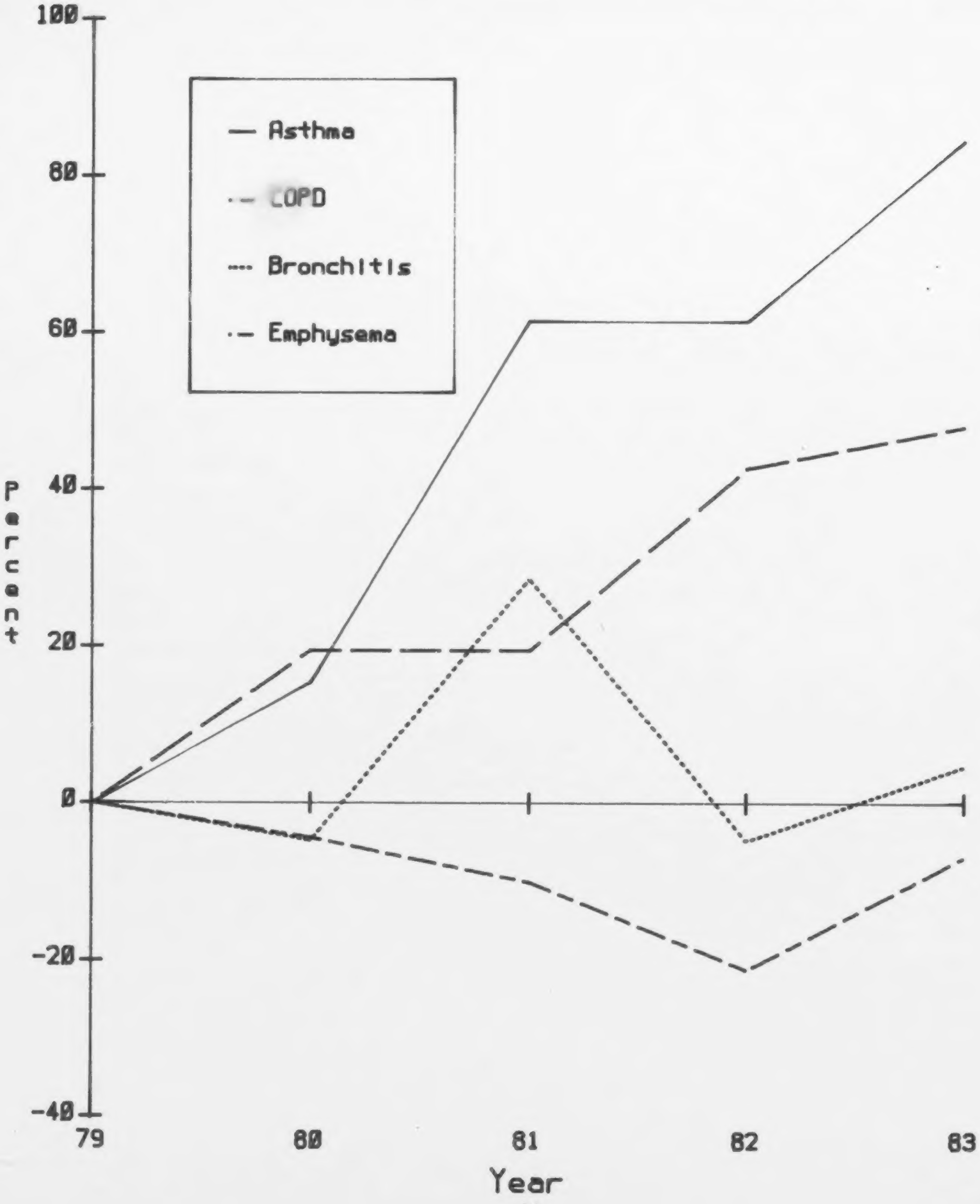
Until 1983, the accidental death rate had been declining since the late 1970's, mostly due to a decrease among males. During 1983, the rate increased 9.5 percent to 43.9, 12.6 percent above the estimated U.S. rate (39.0). Accidents remain the leading cause of death for persons between 1-34 years of age. Motor vehicle accidents (574) account for just over one-half the total (1128); most victims are 15-34 years of age. However, among victims of falls, the second most prevalent type of accident (139), most are 65 or older. Drownings (81) and burns (51) rank third and fourth respectively. The decline seen in the public accident rate since 1979 continued; by 1983 the rate was 24.6 percent lower. However, during the same period the home accidents rate increased 7.4 percent. Although increasing during 1983, the motor vehicle accident rate was still 22.6 percent less than for 1979. And despite a 37.5 percent increase in the work accident rate in 1983, the rate was down 38.9 percent since 1979. An Oregonian dies every 7.6 hours as a consequence of an accident.

SHARP RISE IN CHRONIC RESPIRATORY DEATHS CONTINUES

Chronic respiratory disease (asthma, bronchitis emphysema COPD) rates increased 7.6 percent in 1983 with the rate (36.9) now 28.6 percent higher than in 1979; no other leading cause of death has increased to such an extent in the same time period. Within this complex of diseases, asthma death rates increased 86.7 percent and COPD rates 48.4 percent while the two other subsets have remained relatively stable. Although the chronic respiratory disease death rate for males has risen 18.8 percent, for females it has soared 50.3 percent. If the present trends persist, chronic respiratory disease deaths will displace accidents as the fourth leading cause of death before the end of the decade. Oregon's rate is 29.9 percent higher than the estimated national rate of 28.4. Every 9.0 hours an Oregon resident succumbs to chronic respiratory disease.

FIGURE 4

CHRONIC RESPIRATORY DISEASE
PERCENT CHANGE IN RATES SINCE 1979
Oregon Residents



INFLUENZA AND PNEUMONIA DEATHS REMAIN SIXTH

Influenza and pneumonia deaths increased just over five percent to 24.1 during 1983 and have fluctuated little since the late 1970's. Oregon's rate is only slightly higher than the 22.9 national estimate. The death rate is usually higher for females than males and this was true for 1983 with rates of 24.8 and 23.3 respectively. Influenza and pneumonia claim an Oregonian every 13.9 hours.

ARTERIOSCLEROSIS DEATHS LESSEN

The low death rate (17.8) for arteriosclerosis was second only to that recorded in 1979 (17.5) and may indicate that the previous downward trend for this disease is resuming. However, the rate is over 60 percent higher than the estimated national rate of 11.1. The rate for males was 13.5 compared to 22.1 for females. Figures do not include all deaths involving arteriosclerosis since many have been classified to more specific manifestations of cardiac and cerebral disease. Arteriosclerosis is the seventh leading cause of death in Oregon and tenth nationally; it causes the death of an Oregonian every 18.7 hours.

SUICIDE FOUR TIMES MORE LIKELY IN MALES

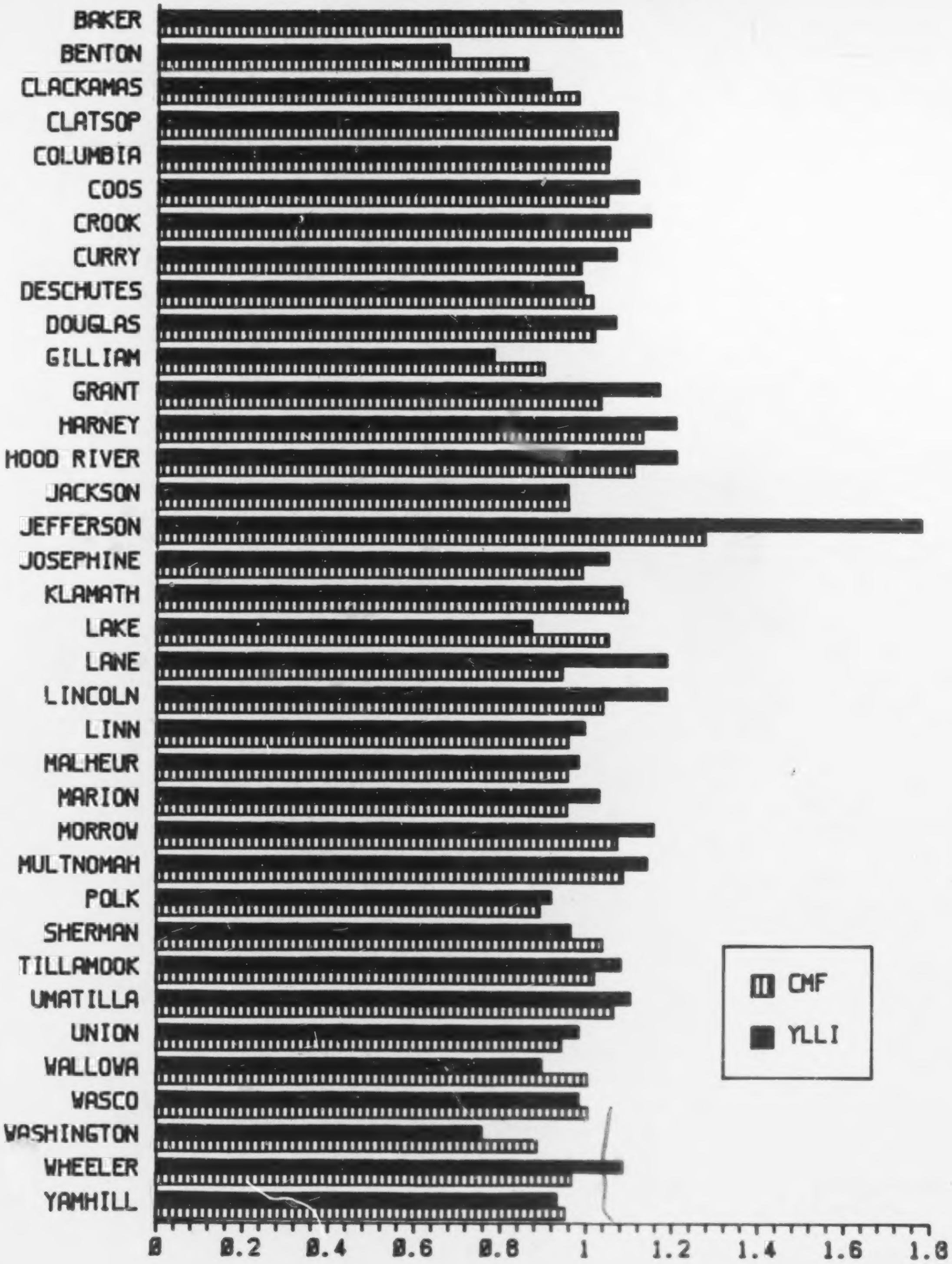
The rate for the eighth leading cause of death, suicide, increased to 15.8 in 1983 up six percent from the previous year and the highest in the past six years. Oregon's rate is 27.4 percent higher than the estimated U.S. rate of 12.4. As in the past, the rate was markedly higher for males than females, 25.6 for the former and 6.4 for the latter. Guns are the most common means of suicide (61.6 percent) but are used over two times more frequently by males (69.5 percent) than females (31.4). Poisoning ranks second at 33.7 percent and is most commonly used by females, 58.1 percent compared to 14.8 percent by males. Suffocation and hanging rank third (8.4 percent). While suicide ranks as the eighth cause of death for the entire population, its importance is greater in the younger age groups. Suicide is the second leading cause of death after accidents among 15-34 year olds and fourth highest for 35-44 year olds. An Oregon resident takes his or her own life every 21.1 hours.

DEATHS DUE TO ALCOHOLIC DISEASES INCREASE

After reaching an all-time low (11.3) in 1982, the death rate for diseases due to alcohol increased 13.3 percent to 12.8. Although this category ranks ninth overall, it's eighth among males (18.3). This complex of diseases includes alcoholic psychosis, alcoholic dependence syndrome, alcoholic gastritis, alcoholic cardiomyopathy and alcoholic liver disease. The latter accounts for about three out of four of the deaths (73.7 percent). A natural alcohol death occurs every 26.1 hours. Actually, if accidental deaths, suicides and homicides which involved alcohol were included, this category would rank substantially higher. Because the Center For Health Statistics queries physicians about deaths which might involve alcohol, the rate for the natural effects of alcohol is not comparable to total U.S. data.

FIGURE 5

COMPARATIVE MORTALITY FIGURES AND
YEARS OF LIFE LOST INDEXES
Oregon Residents 1977-1984



DIABETES MELLITIS RANKS TENTH The diabetes mellitis rate which had gradually declined over several decades remained stable from 1979 until 1983 when it increased 14.3 percent from 11.2 to 12.8. Nonetheless, Oregon's rate is 18.8 percent less than the estimated U.S. rate of 15.2. Historically, rates have been higher for females than males and that was the case in 1983 with rates of 14.8 and 10.1 respectively. Diabetes mellitis claims an Oregonian every 26.7 hours.

DEATHS BY COUNTY OF RESIDENCE Comparing death rates among counties is a complicated process. The annual crude death rates can be misleading for comparing the relative health status of counties because a single year's data are too variable. In addition, the age structure of counties is also susceptible to variation. Examining age-specific death rates for 36 counties is cumbersome. Combining seven years of data and calculating age-adjusted rates solves these problems.

The age-adjusted death rate is more reflective of the mortality when comparing areas, for as the name implies, the rate derived is not biased by very young or very old populations. For example, in Clackamas County only 9.4 percent of the residents are 65 or older compared to Curry County where 16.9 percent of the residents are in that age category. Consequently, the crude death rate is lower for Clackamas County (681.2) than Curry county (981.1). However, when compensation is made for the influence of the young and old populations in these counties, the age-adjusted death rates are very close, 796.9 and 799.7 respectively.

The comparative mortality figure is the ratio of the age-adjusted death rate for an area to the state death rate. A comparative mortality figure less than one indicates the area under comparison has a lower death rate than the state as a whole while a figure greater than one is worse.

The years of life lost index emphasizes mortality occurring in younger age groups and assumes that each individual has 70 "productive" years so that a death at age 9 results in 61 years of life lost. The index value for a county is the ratio of observed years of life lost to the expected number of years based on the state's value; counties may be compared to the state in the same manner as the comparative mortality figure. Significance is calculated for both the comparative mortality figure and years of life lost index at the five percent confidence level. Figures 5 and 6 show these county statistics in both graphic and tabular form.

The 1977-1983 age-adjusted death rates for two counties depart markedly from state values. Benton County recorded the lowest age-adjusted death rate (698.5) and hence the lowest comparative mortality figure (0.859) indicating that the age-adjusted death rate in that county is only 85.9 percent of Oregon's rate of 813.1. Similarly Benton County possessed the lowest years of life lost index (0.680). Jefferson County lies at the other extreme. The age-adjusted death rate of 1036.3 is 27.5 percent higher than that of the state and 48.4 percent higher than Benton's rate. The years of life lost value is even worse; at 1.779 it is nearly 80 percent higher than for Oregon as a whole and 162.2 percent higher than Benton County. For a more complete discussion of age-adjusted death rates and years of life lost indexes, see A Closer Look At The Leading Causes Of Mortality In Oregon, 1985.

FIGURE 6

SELECTED DEATH STATISTICS BY RESIDENCE COUNTY
OREGON, 1977-1983

RESIDENCE	CRUDE DEATH RATE	AGE-ADJUSTED DEATH RATE	COMPARATIVE MORTALITY FIGURE	RANK	YEARS OF LIFE LOST INDEX	RANK
BAKER	1131.6	875.2	1.076*	30	1.076	22
BENTON	504.7	698.5	.859*	1	.680*	1
CLACKAMAS	681.2	796.9	.980*	13	.915*	7
CLATSOP	1035.1	866.5	1.066*	28	1.070	21
COLUMBIA	819.6	851.3	1.047*	25	1.050	18
COOS	863.2	849.9	1.045*	24	1.11[illegible]*	27
CROOK	905.7	891.4	1.096*	33	1.14[illegible]	29
CURRY	981.1	799.7	.984	14	1.067	20
DESCHUTES	701.4	823.6	1.013	19	.990	14
DOUGLAS	774.7	826.1	1.016	20	1.067*	19
GILLIAM	812.6	732.0	.900	4	.784	3
GRANT	890.9	838.2	1.031	21	1.169	31
HARNEY	812.7	918.2	1.129*	35	1.208	34
HOOD RIVER	934.6	901.9	1.109*	34	1.209*	35
JACKSON	821.3	778.5	.957*	10	.956	10
JEFFERSON	830.1	1036.3	1.275*	36	1.779*	36
JOSEPHINE	974.8	805.2	.990	15	1.050	17
KLAMATH	807.8	888.7	1.093*	32	1.192*	33
LAKE	826.9	853.6	1.050	26	1.082	23
LANE	661.4	768.6	.945*	6	.873*	4
LINCOLN	1078.4	845.0	1.039	23	1.189*	32
LINN	758.1	779.7	.959*	11	.997	15
MALHEUR	831.2	778.1	.957	9	.983	12
MARION	836.9	776.2	.955*	7	1.030	16
MORROW	712.5	871.9	1.072	29	1.157	30
MULTNOMAH	1015.2	882.9	1.086*	31	1.142*	28
POLK	797.7	725.2	.892*	3	.918	8
SHERMAN	828.7	844.4	1.038	22	.966	11
TILLAMOOK	1019.9	814.4	1.022	16	1.082	24
UMATILLA	857.0	866.3	1.065*	27	1.105*	26
UNION	790.7	767.4	.944*	5	.894	5
WALLOWA	1009.6	817.6	1.006	17	.898	6
WASCO	959.7	819.1	1.007	18	.984	13
WASHINGTON	556.2	723.0	.889*	2	.758*	2
WHEELER	1085.8	788.4	.970	12	1.087	25
YAMHILL	843.7	776.3	.955*	8	.935	9

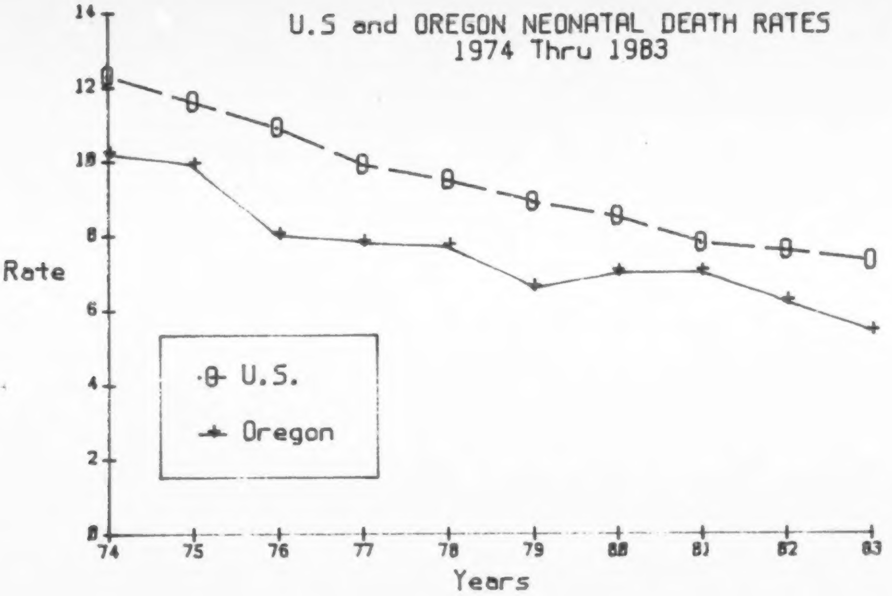
* Indicates the value is significantly different from the state at the 0.05 level of confidence.

INFANT DEATHS The infant death rate has often been used as an indicator of the general health of a population. Unlike other mortality rates which use general population as the group at risk, the infant death rate is calculated by dividing the number of deaths to children under one year of age by the number of births. The deaths of 385 Oregon infants in 1983 represent a rate of 9.6 per 1,000 births. Oregon's infant death rate has been consistently lower than the national rate. From 1973 to 1983 the U.S. infant death rate dropped 38.4 percent from 17.7 to 10.9 while the Oregon rate declined 36.4 percent from the 1973 rate of 15.1 to 9.6 in 1983.

NEONATAL DEATHS Much of the decline in infant deaths can be attributed to the dramatic improvement in saving babies during the first 27 days of life. In 1983 the Oregon neonatal rate was 5.4. Oregon has been consistently below the U.S. rate.

POST-NEONATAL RATE The rate of death for infants between 28 days and 1 year, however, has not shown the same improvement. The 1983 rate of 4.2 is not significantly lower than the rate of a decade ago. The failure to show improvement in post-neonatal deaths is not a national trend. The Oregon rate is typically higher or close to the national rate. Much more yearly variation is seen in the post-neonatal compared to yearly changes in the neonatal rates. In fact, the gap between the neonatal and post-neonatal death rate is closing. Ten years ago 29 percent of Oregon infant deaths occurred in the post-neonatal period. In 1983, 44 percent were of this age group. As changes occur in the ages of infants who die, strategies for improving infant survival must also change.

FIGURE 7


U.S and OREGON NEONATAL DEATH RATES
1974 Thru 1983
Rate
Years
U.S.
Oregon
0
2
4
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12
14
74
75
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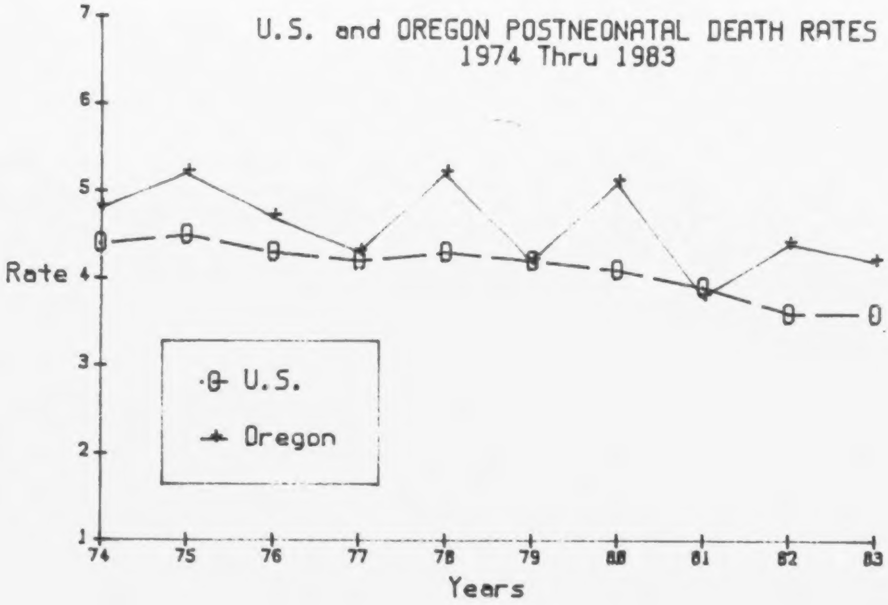
83


U.S. and OREGON POSTNEONATAL DEATH RATES
1974 Thru 1983
Rate
Years
U.S.
Oregon
1
2
3
4
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76
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83

TABLE 22. AGE SPECIFIC DEATH RATES BY SEX, OREGON

YEAR & SEX	TOTAL	AGE GROUPS					
		0 - 4	5 - 14	15-24	24-44	45-64	65+
1940 Deaths	1131.4	953.9	116.6	199.1	317.7	1322.7	7154.3
Male	1336.2	1122.6	140.5	267.4	374.5	1650.8	7831.0
Female	912.7	788.1	91.9	130.4	258.2	944.7	6395.2
1950 Deaths	912.9	588.1	61.7	148.2	242.0	1105.7	5836.7
Male	1097.2	459.9	74.1	226.0	317.4	1411.4	6619.2
Female	722.6	515.6	48.7	73.0	166.0	711.9	5025.0
1960 Deaths	949.1	566.3	42.5	107.0	210.5	1053.1	5796.9
Male	1141.2	640.3	53.3	158.4	273.3	1420.3	6854.2
Female	758.9	489.7	31.2	58.3	149.9	679.0	4838.8
1970 Deaths	933.8	411.4	42.9	134.4	184.4	1015.1	5617.3
Male	1107.6	437.8	56.5	198.9	241.7	1375.4	6893.0
Female	767.2	383.9	28.7	74.4	128.7	670.2	4607.6
1975 Deaths	878.5	364.8	32.5	118.0	164.4	925.1	5419.6
Male	1016.0	414.9	39.5	171.2	224.4	1239.7	6551.6
Female	747.2	312.5	25.3	64.9	107.4	631.0	4553.3
1976 Deaths	873.7	313.8	40.6	113.5	159.0	940.7	5384.1
Male	1005.2	350.6	52.5	160.0	221.1	1234.1	6532.4
Female	748.1	275.3	28.1	66.8	100.0	667.4	4470.4
1977 Deaths	853.8	315.4	41.3	125.1	166.0	896.4	5236.9
Male	984.2	376.4	51.8	183.7	213.5	1198.4	6311.3
Female	729.3	251.5	30.4	65.8	103.7	616.3	4424.5
1978 Deaths	844.3	303.0	39.9	117.7	159.3	888.1	5273.2
Male	965.7	330.4	50.4	174.5	228.4	1170.1	6303.4
Female	728.3	274.5	29.1	59.8	93.9	627.1	4486.9
1979 Deaths	826.4	267.1	33.4	110.7	156.1	869.1	5181.5
Male	956.1	308.2	42.5	167.8	227.9	1157.5	6308.5
Female	702.7	224.3	23.9	52.3	87.7	603.4	4333.3
1980 Deaths	826.4	310.7	31.9	115.8	140.8	870.8	4977.2
Male	931.8	333.9	36.9	167.8	193.4	1157.4	6013.3
Female	724.1	286.1	26.7	63.6	87.5	602.9	4209.3
1981 Deaths	819.3	272.6	24.7	113.5	138.1	847.9	4913.6
Male	916.8	301.0	31.2	168.6	187.5	1118.5	5857.9
Female	724.7	242.8	18.0	57.9	88.1	594.5	4206.7
1982 Deaths	813.0	261.4	27.5	92.3	132.0	826.3	4850.4
Male	899.3	290.8	35.4	132.1	177.6	1053.1	5769.2
Female	729.2	230.9	19.2	51.5	86.2	614.0	4158.8
1983 Deaths	927.1	258.2	39.0	136.0	183.6	1074.5	5816.4
Male	773.0	221.8	21.0	57.9	81.8	626.9	4245.4
Female	848.6	240.4	30.2	97.3	131.6	843.1	4909.3

All rates per 100,000 population within specific age-groups.

TABLE 23. SELECTED LEADING CAUSES OF DEATHS WITH RATES, OREGON RESIDENTS, 1965-1983

YEAR	TOTAL	MAJOR CARDIOVASCULAR DISEASES			MALIGNANT NEOPLASMS	DIABETES MELLITUS	INFLUENZA & PNEUMONIA	CHRONIC RESPIRATORY DISEASES[1]	CIRRHOSIS OF LIVER	CERTAIN CAUSES IN EARLY INFANCY	CONGENITAL ANOMALIES	EXTERNAL CAUSES		
		Diseases of Heart	Cerebrovascular Disease	Arteriosclerosis								Accident	Suicide	Homicide
1965	18,133	6,922	2,276	467	2,925	270	527	329	260	379	174	1,311	304	76
1966	18,979	7,156	2,405	496	3,046	279	766	430	290	385	179	1,302	253	68
1967	18,908	7,157	2,361	502	3,175	255	553	403	261	344	161	1,424	268	61
1968	19,017	7,182	2,308	466	3,278	284	610	464	259	352	164	1,245	302	67
1969	19,548	7,349	2,407	454	3,287	310	698	464	257	306	185	1,325	289	83
1970	19,530	7,158	2,429	461	3,493	312	554	520	288	298	149	1,347	303	93
1971	20,087	7,492	2,377	455	3,608	285	566	577	338	314	175	1,314	319	81
1972	20,216	7,581	2,453	433	3,594	290	599	529	348	272	158	1,379	301	116
1973	20,881	7,569	2,593	501	3,718	331	782	633	367	240	154	1,307	364	112
1974	20,320	7,441	2,408	451	3,762	272	584	609	365	228	160	1,354	362	123
1975	20,142	7,342	2,355	429	3,917	310	606	624	331	233	153	1,204	361	130
1976	20,459	7,306	2,264	445	4,065	300	800	664	348	177	157	1,257	351	96
1977	20,457	7,239	2,096	445	4,283	284	562	625	377	194	168	1,324	399	125
1978	20,870	7,249	2,079	485	4,447	297	658	698	312	190	168	1,387	385	125
1979	21,024	7,329	2,041	444	4,608	285	608	728	352	195	155	1,367	351	113
1980	21,756	7,659	2,021	486	4,625	297	704	829	349	219	160	1,319	388	145
1981	21,798	7,639	1,986	509	4,839	303	609	856	370	214	140	1,285	398	118
1982	21,594	7,601	1,901	482	4,859	297	609	912	299	168	165	1,064	396	146
1983	22,361	7,910	2,021	470	4,943	329	634	971	301	148	156	1,156	417	112
1965	919.5	351.0	115.4	23.7	148.3	13.7	26.7	16.7	13.2	19.2	8.8	66.4	15.4	3.9
1966	949.1	357.8	120.3	24.8	152.3	14.0	38.3	21.5	14.5	19.3	9.0	65.1	12.7	3.4
1967	942.4	356.7	117.7	25.0	158.2	12.7	27.6	20.1	13.0	17.1	8.0	71.0	13.4	3.0
1968	927.3	350.2	112.5	22.7	159.8	13.8	29.7	22.6	12.6	17.2	8.0	60.7	14.7	3.3
1969	939.1	353.0	115.6	21.8	157.9	14.9	33.5	22.3	12.3	14.7	8.9	63.7	13.9	4.0
1970	933.8	342.3	116.1	22.0	167.0	14.9	26.5	24.9	13.8	14.2	7.1	64.4	14.5	4.4
1971	937.3	349.6	110.9	21.2	168.4	13.3	26.4	26.9	15.8	14.7	8.2	61.3	14.9	3.8
1972	926.0	347.2	112.4	19.8	164.6	13.3	27.4	24.2	15.9	12.5	7.2	63.2	13.8	5.3
1973	938.5	340.2	116.5	22.5	167.1	14.9	35.1	28.5	16.5	10.8	6.9	58.7	16.4	5.0
1974	896.7	328.4	106.3	19.9	166.0	12.0	25.8	26.9	16.1	10.1	7.1	59.8	16.0	5.4
1975	876.1	319.4	102.4	18.7	170.4	13.5	26.4	27.1	14.4	10.1	6.7	52.4	15.7	5.7
1976	873.7	312.0	96.7	19.0	173.6	12.8	34.2	28.4	14.9	7.6	6.7	53.7	15.0	5.1
1977	853.8	302.1	87.5	18.6	178.7	11.9	23.5	26.1	15.7	8.1	7.0	55.3	16.7	5.2
1978	844.3	293.2	84.1	19.6	179.9	12.0	26.6	28.2	12.6	7.7	6.8	56.1	15.6	5.1
1979	826.4	288.1	80.2	17.5	181.1	11.2	23.9	28.6	13.8	7.7	6.1	53.7	13.8	4.4
1980	826.4	290.9	76.8	18.5	175.7	11.3	26.7	31.5	13.3	8.3	6.1	50.1	14.7	5.5
1981	819.2	287.1	74.6	19.1	181.9	11.4	22.9	32.2	13.9	8.0	5.3	48.3	15.0	4.4
1982	813.0	286.2	71.6	18.1	182.9	11.2	22.9	34.3	11.3	6.3	6.2	40.1	14.9	5.5
1983	848.6	300.2	76.7	17.8	187.6	12.5	24.1	36.9	11.4	5.6	5.9	43.9	15.8	4.3

[1] Includes Bronchitis, Emphysema, Asthem and Chronic Obstructive Pulmonary Disease.
All rates per 100,000 population.

TABLE 24. THE FIVE PRINCIPAL CAUSES OF DEATH BY AGE GROUPS, OREGON 1983

AGE AND CAUSE OF DEATH			BOTH SEXES		RATE*	
			Number	Percent	Male	Female
ALL AGES		ALL CAUSES	22,361	100.0	927.1	773.0
	1.	Diseases of the heart	7,910	35.4	333.3	268.3
	2.	Malignant Neoplasms	4,943	22.1	204.6	171.2
	3.	Cerebrovascular Diseases	2,021	9.0	63.1	89.8
	4.	Accidents	1,156	5.2	63.4	25.0
	5.	Bronchitis, Emphysema, Asthma & Chronic Obstructive Pulmonary Diseases	971	4.3	47.5	26.6
UNDER 1 YEAR		ALL CAUSES[1]	385	100.0	1,007.5	917.8
	1.	Sudden Infant Death Syndrome	97	25.2	254.3	210.2
	2.	Congenital Anomalies	93	24.2	234.8	251.2
	3.	Other Early Infancy Causes	40	10.4	97.8	102.5
	4.	Immaturity	29	7.5	73.4	71.8
	5.	Other Respiratory Causes	25	6.5	53.8	71.8
1 - 4 YEARS		ALL CAUSES	97	100.0	70.9	49.5
	1.	Accidents	36	37.1	30.6	14.0
	2.	Congenital Anomalies	13	13.4	8.6	7.6
	2.	Malignant Neoplasms	13	13.4	8.6	7.6
	4.	Homicides	5	5.2	2.4	3.8
	5.	Diseases of the Heart	4	4.1	3.7	1.3
5 - 14 YEARS		ALL CAUSES	115	100.0	39.0	21.0
	1.	Accidents	69	60.0	25.1	10.8
	2.	Malignant Neoplasms	13	11.3	3.1	3.8
	3.	Homicides	10	8.7	1.5	3.8
	4.	Congenital Anomalies	5	4.3	2.1	0.5
	5.	Undetermined External Causes	3	2.6	1.5	0.0

* Rates per 100,000 population except where noted.

1 Rate per 100,000 live births.

TABLE 24. Continued

AGE AND CAUSE OF DEATH		BOTH SEXES		RATE*	
		Number	Percent	Male	Female
15 - 24 YEARS	ALL CAUSES	418	100.0	136.0	57.9
	1. Accidents	239	57.2	80.2	30.6
	2. Suicides	62	14.8	24.9	3.8
	3. Malignant Neoplasms	36	8.6	9.7	7.1
	4. Homicides	20	4.8	5.5	3.8
	5. Congenital Anomalies	9	2.2	2.8	1.4
25 - 44 YEARS	ALL CAUSES	1,078	100.0	181.4	81.8
	1. Accidents	339	31.4	64.5	18.3
	2. Malignant Neoplasms	186	17.3	22.0	23.4
	3. Suicides	158	14.7	31.7	6.8
	4. Diseases of the Heart	122	11.3	23.7	6.1
	5. Homicides	50	4.6	8.1	4.2
45 - 64 YEARS	ALL CAUSES	3,997	100.0	1,074.5	626.9
	1. Malignant Neoplasms	1,358	34.0	302.7	271.2
	2. Diseases of the Heart	1,272	31.8	404.9	140.7
	3. Accidents	189	4.7	62.5	18.8
	4. Alcoholic Diseases	186	4.7	53.7	25.7
	5. Bronchitis, Emphysema, Asthma & Chronic Obstructive Pulmonary Diseases	157	3.9	38.9	27.7
65 YEARS & OVER	ALL CAUSES	16,271	100.0	5,816.4	4,245.4
	1. Diseases of the Heart	6,497	39.9	2,336.0	1,685.3
	2. Malignant Neoplasms	3,337	20.5	1,305.1	788.6
	3. Cerebrovascular Diseases	1,839	11.3	512.6	585.8
	4. Bronchitis, Emphysema, Asthma & Chronic Obstructive Pulmonary Diseases	802	4.9	370.5	147.9
	5. Influenza & Pneumonia	575	3.5	187.8	163.0

NOTE: "Alcoholic Diseases" includes Alcoholic Cirrhosis of Liver, Alcoholism & Alcoholic Psychosis.

TABLE 25. LEADING CAUSES OF DEATH BY RANK ORDER FOR RESIDENT MALES & FEMALES, OREGON, 1983

RANK	CAUSE OF DEATH	NUMBER	RATE	PERCENT
	MALES			
	TOTAL	11,985	927.1	100.0
1.	Diseases of the Heart	4,308	333.3	35.9
2.	Malignant Neoplasms	2,645	204.6	22.1
3.	Accidents	820	63.4	6.8
4.	Cerebrovascular Disease	816	63.1	6.8
5.	Bronchitis, Emphysema, Asthma & Chronic Obstructive Pulm. Dis.	614	47.5	5.1
6.	Suicide	331	25.6	2.8
7.	Influenza & Pneumonia	301	23.3	2.5
8.	Alcoholic Diseases	236	18.3	2.0
9.	Other Diseases of Arteries	184	14.2	1.5
10.	Arteriosclerosis	174	13.5	1.5
11.	Diabetes Mellitus	130	10.1	1.1
12.	Congenital Anomalies	89	6.9	0.7
13.	Certain Causes in Early Infancy	78	6.0	0.7
14.	Nephritis & Nephrosis	74	5.7	0.6
15.	Homicide	68	5.3	0.6
	All Other Causes	1,117	86.4	9.3
	FEMALE			
	TOTAL	10,376	773.0	100.0
1.	Diseases of the Heart	3,602	268.3	34.7
2.	Malignant Neoplasms	2,298	171.2	22.1
3.	Cerebrovascular Disease	1,205	89.8	11.6
4.	Bronchitis, Emphysema, Asthma & Chronic Obstructive Pulm. Dis.	357	26.6	3.4
5.	Accidents	336	25.0	3.2
6.	Influenza & Pneumonia	333	24.8	3.2
7.	Arteriosclerosis	296	22.1	2.9
8.	Diabetes Mellitus	199	14.8	1.9
9.	Alcoholic Diseases	101	7.5	1.0
10.	Other Diseases of Arteries	92	6.9	0.9
11.	Suicide	86	6.4	0.8
12.	Nephritis & Nephrosis	74	5.5	0.7
13.	Certain Causes in Early Infancy	70	5.2	0.7
14.	Congenital Anomalies	67	5.0	0.6
15.	Sudden Infant Death Syndrome	49	3.7	0.5
	All Other Causes	1,211	9.0	11.7

TABLE 26. AGE SPECIFIC DEATH RATES BY SEX FOR THE LEADING CAUSES OF DEATH, OREGON, 1983

CAUSE OF DEATH	AGE GROUPS									
	TOTAL	0-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75+
ALL CAUSES	848.6	240.4	30.2	97.3	106.1	166.1	479.6	1195.7	2665.3	8345.7
Male	927.1	258.2	39.0	136.0	152.8	219.6	601.0	1552.3	3479.6	10247.5
Female	773.0	221.8	21.0	57.9	59.7	111.9	362.0	874.9	1978.9	7231.8
Disease of the Heart	300.2	5.0	.3	1.9	6.2	26.7	133.2	399.4	948.6	3509.5
Male	333.3	6.8	.5	1.8	8.5	43.9	207.0	604.6	1350.0	4205.7
Female	268.3	3.1	0.0	1.9	3.8	9.2	61.6	214.8	610.3	3101.8
Malignant Neoplasms	187.6	6.5	3.4	8.4	9.6	40.4	161.9	407.3	819.4	1293.8
Male	204.6	6.8	3.1	9.7	11.5	35.9	163.5	443.1	999.9	1883.7
Female	171.2	6.1	3.8	7.1	7.6	45.0	160.3	375.1	667.3	948.3
Cerebrovascular Disease	76.7	.5	0.0	.9	1.5	4.0	16.7	48.6	185.5	1120.5
Male	63.1	0.0	0.0	1.4	1.3	4.6	16.5	57.0	213.7	1079.3
Female	89.8	1.0	0.0	.5	1.7	3.5	16.9	41.1	161.8	1144.5
Accidents	43.9	23.4	18.1	55.6	47.2	33.6	39.0	40.7	45.9	138.2
Male	63.4	31.3	25.1	80.2	72.6	53.6	63.5	61.4	73.1	188.2
Female	25.0	15.3	10.8	30.6	22.0	13.3	15.2	22.1	23.0	109.0
Bronchitis, Emphysema, Asthma & COPD	36.9	.5	.5	.9	.2	1.1	9.8	55.7	183.0	332.2
Male	47.5	1.0	.5	.9	.4	.6	7.8	70.2	238.8	620.3
Female	26.6	0.0	.5	.9	0.0	1.7	11.8	42.6	136.0	163.5
Pneumonia & Influenza	24.1	.5	.3	0.0	1.1	1.4	4.3	15.4	44.9	370.4
Male	23.3	0.0	.5	0.0	1.3	.6	5.2	23.7	61.1	428.0
Female	24.8	1.0	0.0	0.0	.8	2.3	3.4	7.9	31.3	336.7
Arteriosclerosis	17.8	0.0	0.0	0.0	0.0	0.0	.9	8.7	24.9	303.2
Male	13.5	0.0	0.0	0.0	0.0	0.0	.9	10.5	29.4	277.1
Female	22.1	0.0	0.0	0.0	0.0	0.0	.8	7.1	21.1	318.5
Suicides	15.8	0.0	0.0	14.4	17.2	22.1	21.4	26.6	19.0	34.4
Male	25.6	0.0	0.0	24.9	29.5	34.8	31.3	40.4	33.8	70.3
Female	6.4	0.0	0.0	3.8	5.1	9.2	11.8	14.2	6.4	13.3
Alcoholism, Alcoholic cirrhosis, & Alcoholic Psychosis	12.8	0.0	0.0	0.0	1.7	9.5	27.4	50.7	42.4	19.1
Male	18.3	0.0	0.0	0.0	2.6	13.1	36.5	71.1	72.0	37.2
Female	7.5	0.0	0.0	0.0	.8	5.8	18.6	32.4	17.5	8.5

TABLE 26. AGE SPECIFIC DEATH RATES BY SEX FOR THE LEADING CAUSES OF DEATH, OREGON, 1983 (Continued)

CAUSE OF DEATH		AGE GROUPS								
	TOTAL	0-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75+
Diabetes Mellitus	12.5	0.0	0.0	.9	1.1	3.4	9.8	21.6	43.9	110.7
Male	10.1	0.0	0.0	.5	.9	3.4	10.4	15.8	33.8	124.1
Female	14.8	0.0	0.0	1.4	1.3	3.5	9.3	26.8	52.4	102.9
Other Disease of Arteries	10.5	0.0	0.0	0.0	0.0	.3	5.1	11.2	43.9	113.0
Male	14.2	0.0	0.0	0.0	0.0	.6	5.2	18.4	70.9	188.2
Female	6.9	0.0	0.0	0.0	0.0	0.0	5.1	4.7	21.1	69.0
Certain Causes in Early Infancy	5.6	73.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Male	6.0	76.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Female	5.2	71.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Congenital Anomalies	5.9	52.9	1.3	2.1	1.3	.9	2.6	2.9	2.5	6.9
Male	6.9	57.7	2.1	2.8	1.7	1.1	3.5	2.6	3.3	8.3
Female	5.0	47.8	.5	1.4	.8	.6	1.7	3.2	1.8	6.1
Nephritis & Nephrosis	5.6	0.0	0.0	.2	.2	.6	2.1	6.6	15.5	70.3
Male	5.7	0.0	0.0	0.0	.4	1.1	2.6	10.5	17.4	82.7
Female	5.5	0.0	0.0	.5	0.0	0.0	1.7	3.2	13.8	63.0
Homicides	4.3	3.0	2.6	4.7	6.8	5.2	5.6	2.9	3.0	0.0
Male	5.3	2.9	1.5	5.5	8.1	8.0	8.7	3.5	3.3	0.0
Female	3.3	3.1	3.8	3.8	5.5	2.3	2.5	2.4	2.8	0.0
Sudden Infant Death Syndrome	3.7	48.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Male	3.7	47.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Female	3.7	49.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peptic Ulcer	3.0	0.0	0.0	0.0	0.0	.3	2.1	4.6	10.0	32.1
Male	3.6	0.0	0.0	0.0	0.0	.6	1.7	7.0	14.2	45.5
Female	2.5	0.0	0.0	0.0	0.0	0.0	2.5	2.4	6.4	24.2
Hypertension	2.9	0.0	0.0	0.0	0.0	0.0	.9	3.3	13.0	30.6
Male	2.5	0.0	0.0	0.0	0.0	0.0	.9	2.6	14.2	31.0
Female	3.3	0.0	0.0	0.0	0.0	0.0	.8	3.9	11.9	30.3
Injuries Undetermined Whether Accidentally or Purposely Inflicted	2.1	1.0	.8	1.6	3.6	2.3	3.0	2.5	2.0	1.5
Male	2.6	2.0	1.5	1.8	4.7	2.9	2.6	4.4	1.1	0.0
Female	1.6	0.0	0.0	1.4	2.5	1.7	3.4	.8	2.8	2.4

All rates per 100,000 population within the specific age groups.

TABLE 27. DEATHS BY MARITAL STATUS, SEX AND AGE GROUPS, OREGON, 1983

MARITAL STATUS & SEX	TOTAL	AGE AT DEATH							
		<15	15-19	20-24	25-29	30-34	35-39	40-44	45-49
TOTAL*	22,361	596	166	252	265	234	253	326	429
Male	11,985	340	119	176	199	159	185	200	263
Female*	10,376	256	47	76	66	75	68	126	166
SINGLE*	2,122	595	158	182	120	70	33	27	29
Male	1,301	340	116	135	95	53	25	15	21
Female*	821	255	42	47	25	17	8	12	8
MARRIED	10,523	1	7	52	97	103	141	204	289
Male	7,408	-	3	30	68	65	104	126	169
Female	3,115	1	4	22	29	38	37	78	120
WIDOWED	7,509	-	-	4	-	1	4	13	13
Male	1,912	-	-	2	-	1	3	6	3
Female	5,597	-	-	2	-	-	1	7	10
DIVORCED	2,122	-	1	12	43	56	75	79	93
Male	1,292	-	-	8	31	36	53	50	66
Female	830	-	1	4	12	20	22	29	27
UNKNOWN	85	-	-	2	5	4	-	3	5
Male	72	-	-	1	5	4	-	3	4
Female	13	-	-	1	-	-	-	-	1

	AGE AT DEATH								
	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90 +
TOTAL	691	1,150	1,727	2,416	2,928	3,049	3,047	2,604	2,227
Male	428	710	1,059	1,496	1,695	1,659	1,509	1,048	740
Female	263	440	668	920	1,233	1,390	1,538	1,556	1,487
SINGLE	42	53	56	97	124	128	146	153	108
Male	31	45	38	75	77	68	79	59	29
Female	11	8	18	22	47	60	67	94	79
MARRIED	467	759	1,195	1,587	1,765	1,585	1,233	696	342
Male	292	482	774	1,100	1,245	1,168	961	533	288
Female	175	277	421	487	520	417	272	163	54
WIDOWED	30	108	219	437	758	1,100	1,489	1,652	1,681
Male	12	29	69	126	198	285	372	411	395
Female	18	79	150	311	560	815	1,117	1,241	1,286
DIVORCED	145	221	248	281	273	232	169	101	93
Male	88	145	170	182	169	134	91	43	26
Female	57	76	78	99	104	98	78	58	67
UNKNOWN	7	9	9	14	8	4	10	2	3
Male	5	9	8	13	6	4	6	2	2
Female	2	-	1	1	2	-	4	-	1

* Includes one with age not stated.

TABLE 28 RESIDENT DEATHS FOR SELECTED CAUSES BY AGE AND SEX, OREGON, 1983

9th Rev. ICDA	CAUSE OF DEATH	TOTAL	Under 1 Year	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
	ALL CAUSES	22,361	385	97	115	418	499	579	1,120	2,877	5,344	6,096	4,831
	MALE	11,985	206	58	76	295	358	385	691	1,769	3,191	3,168	1,788
	FEMALE	10,376	179	39	39	123	141	194	429	1,108	2,153	2,928	3,043
	I. INFECTIVE AND PARASITIC DISEASES												
010-018, 137	Tuberculosis, All Forms	19	-	1	-	-	-	-	-	3	4	7	4
	Male	8	-	-	-	-	-	-	-	1	2	3	2
	Female	11	-	1	-	-	-	-	-	2	2	4	2
038	Septicemia	64	2	1	-	-	1	3	3	12	14	17	11
	Male	27	2	-	-	-	-	1	1	5	7	9	2
	Female	37	-	1	-	-	1	2	2	7	7	8	9
070	Viral Hepatitis	9	-	-	1	-	-	-	-	4	2	1	1
	Male	5	-	-	1	-	-	-	-	4	-	-	-
	Female	4	-	-	-	-	-	-	-	-	2	1	1
Residual of 001-139	Other Infective & Parasitic Diseases	50	7	1	3	1	-	2	1	7	7	12	9
	Male	19	4	-	2	-	-	1	1	3	2	2	4
	Female	31	3	1	1	1	-	1	-	4	5	10	5
	II. NEOPLASMS												
140-208	Malignant Neoplasms	4,943	-	13	13	36	45	141	378	980	1,643	1,170	524
	Male	2,645	-	7	6	21	27	63	188	505	917	658	253
	Female	2,298	-	6	7	15	18	78	190	475	726	512	271
140-149	Of Buccal Cavity & Pharynx	81	-	-	-	1	1	1	10	19	27	15	7
	Male	48	-	-	-	1	1	1	7	11	17	7	3
	Female	33	-	-	-	-	-	-	3	8	10	8	4
150-159	Of Digestive Organs & Peritoneum	1,174	-	1	-	2	4	20	76	193	355	341	182
	Male	639	-	1	-	-	3	13	51	113	202	180	76
	Female	535	-	-	-	2	1	7	25	80	153	161	106
150	Esophagus	96	-	-	-	-	-	-	10	20	34	25	7
	Male	74	-	-	-	-	-	-	9	16	24	20	5
	Female	22	-	-	-	-	-	-	1	4	10	5	2
151	Stomach	126	-	-	-	1	-	1	5	16	33	45	25
	Male	82	-	-	-	-	-	1	4	10	25	25	17
	Female	44	-	-	-	1	-	-	1	6	8	20	8
	Large Intestine (exc. Rectum)	500	-	-	-	1	3	11	29	86	147	146	77
	Male	246	-	-	-	-	3	7	15	45	72	81	23
	Female	243	-	-	-	1	-	4	14	41	75	65	54

TABLE 28 1983 Continued

9th Rev. ICDA	CAUSE OF DEATH	TOTAL	Under 1 Year	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
154	Rectum	68	-	-	-	-	-	2	7	9	21	14	15
	Male	38	-	-	-	-	-	1	4	7	14	6	6
	Female	30	-	-	-	-	-	1	3	2	7	8	9
157	Pancreas	243	-	-	-	-	-	2	18	46	77	70	30
	Male	133	-	-	-	-	-	1	14	27	48	31	12
	Female	110	-	-	-	-	-	1	4	19	29	39	18
160-165	Of Respiratory/Intrathoracic Organ	1,414	-	-	-	2	1	20	33	34	592	265	57
	Male	930	-	-	-	1	1	11	74	23	394	195	41
	Female	484	-	-	-	1	-	9	59	11	198	70	16
162.2-.9	Bronchus and Lung	1,357	-	-	-	-	-	19	29	333	572	250	54
	Male	893	-	-	-	-	-	11	70	208	380	185	39
	Female	464	-	-	-	-	-	8	59	125	192	65	15
170-175	Of Bone, Connective Tissue, Skin and Breast	568	-	-	4	9	10	42	60	140	159	99	45
	Male	77	-	-	2	5	5	7	8	13	24	10	3
	Female	491	-	-	2	4	5	35	52	127	135	89	42
174-175	Breast	446	-	-	-	1	3	33	45	120	125	81	38
	Male	-	-	-	-	-	-	-	-	-	-	-	-
	Female	446	-	-	-	1	3	33	45	120	125	81	38
179-187	Of Genital Organs	557	-	-	-	2	11	14	29	72	161	174	94
	Male	307	-	-	-	1	6	2	5	22	79	118	74
	Female	250	-	-	-	1	5	12	24	50	82	56	20
179-182	Cervix & Uterus	105	-	-	-	-	4	4	11	17	36	21	12
183.0	Ovary	133	-	-	-	1	1	7	13	32	43	30	6
185	Prostate	297	-	-	-	-	1	1	5	22	78	117	73
188-189	Of Urinary Organs	227	-	1	-	-	1	2	12	43	73	63	32
	Male	144	-	1	-	-	1	1	10	31	45	39	16
	Female	83	-	-	-	-	-	1	2	12	28	24	16
188	Bladder	106	-	-	-	-	1	-	4	18	26	36	21
	Male	64	-	-	-	-	1	-	2	11	14	24	12
	Female	42	-	-	-	-	-	-	2	7	12	12	9
190-199	Of Other & Unspecified Sites	428	-	5	3	7	10	23	27	83	126	91	53
	Male	227	-	3	2	5	7	15	18	47	69	45	16
	Female	201	-	2	1	2	3	8	9	36	57	46	37
191	Brain	135	-	4	2	4	5	13	11	30	40	21	5
	Male	78	-	2	2	3	3	10	5	15	26	10	2
	Female	57	-	2	-	1	2	3	6	15	14	11	3

TABLE 28 1983 Continued

9th Rev. ICDA	CAUSE OF DEATH	TOTAL	Under 1 Year	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
200-208	Of Lymphatic and Hematopoietic Tissues	439	-	4	4	11	6	19	28	79	134	109	45
	Male	236	-	2	2	6	2	13	13	49	77	53	19
	Female	203	-	2	2	5	4	6	15	30	57	56	26
204-208	Leukemia	210	-	6	5	8	3	9	11	33	58	53	24
	Male	119	-	2	1	6	2	4	7	22	35	30	10
	Female	91	-	4	4	2	1	5	4	11	23	23	14
204	Lymphatic Leukemia	55	-	2	2	2	1	-	3	7	16	13	9
	Male	37	-	-	-	2	1	-	2	6	10	11	5
	Female	18	1	2	2	-	-	-	1	1	6	2	4
210-229	Benign Neoplasms	19	-	-	-	1	1	2	1	2	7	2	3
	Male	8	-	-	-	-	-	1	-	2	4	1	-
	Female	11	-	-	-	1	1	1	1	-	3	1	3
230-239	In Situ, Uncertain Behavior & Unspecified Nature Neoplasms	35	-	1	-	-	-	1	2	3	4	18	6
	Male	21	-	-	-	-	-	-	1	2	2	13	3
	Female	14	-	1	-	-	-	1	1	1	2	5	3
	III. ENDOCRINE, NUTRITIONAL, AND METABOLIC DISEASES												
250	Diabetes Mellitus	329	-	-	-	4	5	12	23	52	88	95	50
	Male	130	-	-	-	1	2	6	12	18	31	43	17
	Female	199	-	-	-	3	3	6	11	34	57	52	33
Residual of 240-279	Other Endocrine, Nutritional, and Metabolic Diseases	104	2	1	2	3	4	7	7	13	26	18	21
	Male	56	1	1	1	1	2	6	3	6	15	10	10
	Female	48	1	-	1	2	2	1	4	7	11	8	11
	IV. DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS												
280-285	Anemias	31	1	-	-	2	2	-	-	-	4	10	12
	Male	14	1	-	-	2	2	-	-	-	3	3	3
	Female	17	-	-	-	-	-	-	-	-	1	7	9
Residual of 280-289	Other Diseases of the Blood and Blood-Forming Organs	35	-	1	-	-	-	2	2	2	11	10	7
	Male	22	-	1	-	-	-	1	1	1	6	7	5
	Female	13	-	-	-	-	-	1	1	1	5	3	2
	V. MENTAL DISORDERS												
291	Alcoholic Psychoses	3	-	-	-	-	1	1	-	-	1	-	-
	Male	3	-	-	-	-	1	1	-	-	1	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 28 1983 Continued

9th Rev. ICDA	CAUSE OF DEATH	TOTAL	Under 1 Year	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
303	Alcoholism	65	-	-	-	-	3	5	11	23	17	6	-
	Male	51	-	-	-	-	2	3	9	18	14	5	-
	Female	14	-	-	-	-	1	2	2	5	3	1	-
304	Drug Dependence	1	-	-	-	-	1	-	-	-	-	-	-
	Male	1	-	-	-	-	1	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-
Residual of 290-319	Other Mental Disorders	157	-	-	-	-	1	2	2	7	16	50	79
	Male	55	-	-	-	-	1	-	1	1	10	22	20
	Female	102	-	-	-	-	-	2	1	6	6	28	59
	VI. DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS												
320-322	Meningitis	16	6	2	-	1	1	-	-	-	2	2	2
	Male	6	3	1	-	1	-	-	-	-	-	-	1
	Female	10	3	1	-	-	1	-	-	-	2	1	1
332	Parkinson's Disease	75	-	-	-	-	-	-	-	2	18	41	14
	Male	40	-	-	-	-	-	-	-	1	10	24	5
	Female	35	-	-	-	-	-	-	-	1	8	17	9
345	Epilepsy	21	-	1	-	-	5	4	6	-	1	-	4
	Male	14	-	1	-	-	4	3	3	-	1	-	2
	Female	7	-	-	-	-	1	1	3	-	-	-	2
Residual of 320-389	Hereditary &Degenerative Diseases	288	6	7	1	6	7	9	13	35	73	84	47
	Male	132	3	5	1	6	2	4	6	20	31	36	18
	Female	156	3	2	-	-	5	5	7	15	42	48	29
	VII. DISEASES OF THE CIRCULATORY SYSTEM												
390-448	Major Cardiovascular Diseases	10,765	7	4	1	12	36	110	367	1,137	2,443	3,456	3,192
	Male	5,524	4	3	1	7	23	88	266	792	1,543	1,703	1,094
	Female	5,241	3	1	-	5	13	22	101	345	900	1,753	2,098
390-398, 402, 404-429	Diseases of the Heart	7,922	6	4	1	8	29	95	312	964	1,907	2,459	2,137
	Male	4,318	4	3	1	4	120	79	239	691	1,242	1,256	779
	Female	3,604	2	1	-	4	9	16	93	273	665	1,203	1,358
390-398	Rheumatic Fever & Chronic Rheumatic Heart Disease	86	-	-	-	1	-	3	5	22	21	24	10
	Male	25	-	-	-	1	-	1	2	11	5	4	1
	Female	61	-	-	-	-	-	2	3	11	16	20	9
402,404	Hypertensive Heart Disease with/without Renal Disease	194	-	-	-	-	1	4	3	6	4	74	53
	Male	68	-	-	-	-	1	2	1	9	2	26	9
	Female	126	-	-	-	-	-	2	2	7	2	48	44

TABLE 28 1983 Continued

9th Rev. ICDA	CAUSE OF DEATH	TOTAL	Under 1 Year	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
410-414	Ischemic Heart Disease	6,077	1	-	-	1	13	64	248	788	1,541	1,875	1,546
	Male	3,461	-	-	-	-	12	57	199	576	1,029	995	593
	Female	2,616	1	-	-	1	1	7	49	212	512	880	953
410	Myocardial Infarction	2,365	1	-	-	-	5	24	107	342	670	776	440
	Male	1,387	-	-	-	-	5	20	82	238	442	414	186
	Female	978	1	-	-	-	-	4	25	104	228	362	254
411	Other Acute & Subacute	17	-	-	-	-	-	-	1	1	5	3	7
	Male	9	-	-	-	-	-	-	1	1	3	2	2
	Female	8	-	-	-	-	-	-	-	-	2	1	5
412-414	Chronic Ischemic Heart Disease	3,695	-	-	-	1	8	40	140	445	866	1,096	1,099
	Male	2,065	-	-	-	-	7	37	116	337	584	579	405
	Female	1,630	-	-	-	1	1	3	24	108	282	517	694
415-429	All Other Forms	1,565	5	4	1	6	15	24	56	138	302	486	528
	Male	764	4	3	1	3	7	19	37	95	188	231	176
	Female	801	1	1	-	3	8	5	19	43	114	255	352
401,403	Hypertension	76	-	-	-	-	-	-	2	8	26	24	16
	Male	32	-	-	-	-	-	-	1	3	13	9	6
	Female	44	-	-	-	-	-	-	1	5	13	15	10
430-438	Cerebrovascular Disease	1,949	1	-	-	4	7	14	34	116	362	723	688
	Male	782	-	-	-	3	3	8	17	64	190	301	196
	Female	1,167	1	0	-	1	4	6	17	52	172	422	492
430	Subarachnoid Hemorrhage	75	-	-	-	2	1	5	11	17	17	19	3
	Male	30	-	-	-	1	1	1	4	7	10	6	-
	Female	45	-	-	-	1	-	4	7	10	7	13	3
431-432	Intracerebral & Intracranial Hemorrhages	201	1	-	-	2	4	8	10	23	41	81	31
	Male	96	-	-	-	2	1	6	7	11	21	38	10
	Female	105	1	-	-	-	3	2	3	12	20	43	21
434	Cerebral Thrombosis & Embolism	286	-	-	-	-	-	1	2	20	61	99	103
	Male	123	-	-	-	-	-	1	1	11	33	48	29
	Female	163	-	-	-	-	-	-	1	9	28	51	74
436	Acute but Ill-Defined Cerebrovascular Disease	1,123	-	-	-	-	-	-	7	50	197	438	431
	Male	432	-	-	-	-	-	-	3	31	101	175	122
	Female	691	-	-	-	-	-	-	4	19	96	263	309

TABLE 28 1983 Continued

9th Rev. ICDA	CAUSE OF DEATH	TOTAL	Under 1 Year	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
437	Generalized Ischemic Cerebrovascular Disease	264	-	-	-	-	2	-	4	6	46	86	120
	Male	101	-	-	-	-	1	-	2	4	25	34	35
	Female	163	-	-	-	-	1	-	2	2	21	52	85
440	Arteriosclerosis	470	-	-	-	-	-	-	2	21	50	132	265
	Male	174	-	-	-	-	-	-	1	12	27	60	74
	Female	296	-	-	-	-	-	-	1	9	23	72	191
441-448	Other Disease of Arteries, Arterioles & Capillaries	276	-	-	-	-	-	1	12	27	88	87	61
	Male	184	-	-	-	-	-	1	6	21	65	61	30
	Female	92	-	-	-	-	-	-	6	6	23	26	31
451-453	Venous Thrombosis & Embolism	23	-	-	-	-	1	1	-	3	6	7	5
	Male	9	-	-	-	-	-	-	-	1	4	2	2
	Female	14	-	-	-	-	1	1	-	2	2	5	3
Residual of 390-459	Other Diseases of the Circulatory System	15	-	-	-	-	1	1	2	3	4	2	2
	Male	12	-	-	-	-	-	1	1	3	4	2	1
	Female	3	-	-	-	-	1	-	1	-	-	-	1
	VIII. DISEASES OF THE RESPIRATORY SYSTEM												
480-486	Pneumonia & Influenza	634	-	1	1	-	5	5	10	37	90	192	293
	Male	301	-	-	1	-	3	1	6	27	56	98	109
	Female	333	-	1	-	-	2	4	4	10	34	94	184
	Pneumonia	591	-	1	1	-	4	4	10	34	82	178	277
	Male	286	-	-	1	-	3	1	6	25	52	94	104
	Female	305	-	1	-	-	1	3	4	9	30	84	173
487	Influenza	43	-	-	-	-	1	1	-	3	8	14	16
	Male	15	-	-	-	-	-	-	-	2	4	4	5
	Female	28	-	-	-	-	1	1	-	1	4	10	11
490-496	Bronchitis, Emphysema, Asthma and Chronic Obstructive Pulmonary Dis.	971	-	1	2	4	1	4	23	134	367	331	104
	Male	614	-	1	1	2	1	1	9	80	219	226	74
	Female	357	-	-	1	2	-	3	14	54	148	105	30
490-491	Chronic & Unspecified Bronchitis	57	-	1	-	-	-	2	1	7	14	18	14
	Male	36	-	1	-	-	-	1	-	4	9	11	10
	Female	21	-	-		-	-		1	3	5	7	4

TABLE 28 1983 Continued

9th Rev. ICDA	CAUSE OF DEATH	TOTAL	Under 1- Year	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
492	Emphysema	218	-	-	-	-	-	2	4	44	85	68	15
	Male	141	-	-	-	-	-	-	3	26	49	53	10
	Female	77	-	-	-	-	-	2	1	18	36	15	5
493	Asthma	63	-	-	1	3	-	-	6	8	20	19	6
	Male	25	-	-	1	2	-	-	1	2	9	8	2
	Female	38	-	-	-	1	-	-	5	6	11	11	4
496	Chronic Obstructive Pul. Dis.	623	-	-	1	-	1	-	12	71	244	225	69
	Male	408	-	-	-	-	1	-	5	48	148	154	52
	Female	215	-	-	1	-	-	-	7	23	96	71	17
Residual of 460-519	Other Diseases of the respiratory System	169	1	1	1	1	-	3	6	17	45	52	42
	Male	97	1	-	1	1	-	2	5	10	29	26	22
	Female	72	-	1	-	-	-	1	1	7	16	26	20
	IX. DISEASES OF THE DIGESTIVE SYSTEM												
531	Ulcer of Stomach	29	-	-	-	-	-	-	2	3	5	15	4
	Male	14	-	-	-	-	-	-	1	3	1	7	2
	Female	15	-	-	-	-	-	-	1	-	4	8	2
532	Ulcer of Duodenum	27	-	-	-	-	-	-	2	5	8	6	6
	Male	17	-	-	-	-	-	-	-	3	7	5	2
	Female	10	-	-	-	-	-	-	2	2	1	1	4
533	Peptic Ulcer	23	-	-	-	-	-	1	1	3	7	3	8
	Male	15	-	-	-	-	-	1	1	2	5	2	4
	Female	8	-	-	-	-	-	-	-	1	2	1	4
550-553 560	Hernia & Intestinal Obstruction	42	-	-	-	-	-	-	1	1	5	16	19
	Male	20	-	-	-	-	-	-	1	1	2	11	5
	Female	22	-	-	-	-	-	-	-	-	3	5	14
571	Cirrhosis of Liver	301	-	-	1	-	6	25	56	106	77	27	3
	Male	195	-	-	-	-	4	17	33	68	56	16	1
	Female	106	-	-	1	-	2	8	23	38	21	11	2
571.0-.3	Alcoholic Cirrhosis of Liver	255	-	-	-	-	4	25	51	96	62	17	-
	Male	171	-	-	-	-	3	17	31	61	47	12	-
	Female	84	-	-	-	-	1	8	20	35	15	5	-

TABLE 28 1983 Continued

9th Rev. ICDA	CAUSE OF DEATH	TOTAL	Under 1-Year	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
574-576	Diseases of the Gallbladder	44	-	-	-	-	1	1	1	2	7	18	14
	Male	24	-	-	-	-	1	1	1	1	4	10	6
	Female	20	-	-	-	-	-	-	-	1	3	8	8
577	Diseases of the Pancreas	30	-	-	-	-	-	2	2	8	9	6	3
	Male	17	-	-	-	-	-	1	2	6	5	3	-
	Female	13	-	-	-	-	-	1	-	2	4	3	3
Residual of 520-579	Other Diseases of the Digestive System	299	4	2	2	3	1	6	8	33	58	104	78
	Male	119	1	1	2	1	1	1	4	19	30	41	18
	Female	180	3	1	-	2	-	5	4	14	28	63	60
	X. DISEASES OF THE GENITOURINARY SYSTEM												
580-589	Nephritis & Nephrosis	148	-	-	-	1	1	2	5	16	31	51	41
	Male	74	-	-	-	-	1	2	3	12	16	28	12
	Female	74	-	-	-	1	-	-	2	4	15	23	29
590	Infections of the Kidney	16	-	-	-	-	-	-	-	3	5	4	4
	Male	6	-	-	-	-	-	-	-	3	1	-	2
	Female	10	-	-	-	-	-	-	-	-	4	4	2
600-608	Diseases of Male Genital Organs	6	-	-	-	-	-	-	-	-	2	1	3
614-629	Diseases of Uterus and Other Female Genital Organs	3	-	-	-	-	-	-	-	1	-	2	-
Residual of 580-629	Other Diseases of the Genito-Urinary System	82	-	-	-	-	2	-	-	2	16	30	32
	Male	44	-	-	-	-	2	-	-	2	8	18	14
	Female	38	-	-	-	-	-	-	-	-	8	12	18
	XI. COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM												
630-676	Complications of Pregnancy, childbirth, and the Puerperium	6	-	-	-		4	-	-	-	-	-	-

TABLE 28 1983 Continued

9th Rev. ICDA	CAUSE OF DEATH	TOTAL	Under 1-Year	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
	XII. DISEASES OF THE SKIN AND SUB-CUTANEOUS TISSUE												
680-709	Diseases of the Skin and Subcutaneous Tissue	30	-	-	-	-	-	-	1	3	6	10	10
	Male	11	-	-	-	-	-	-	-	1	3	5	2
	Female	19	-	-	-	-	-	-	1	2	3	5	8
	XIII. DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONECTIVE TISSUE												
710-739	Diseases of the Musculoskeletal System and Connective Tissue	80	-	-	-	-	1	-	9	6	26	23	15
	Male	25	-	-	-	-	1	-	2	1	8	8	5
	Female	55	-	-	-	-	-	-	7	5	18	15	10
	XIV. CONGENITAL ANOMALIES												
745-746	Congential Anomalies of Heart	46	25	4	-	4	1	2	5	2	-	3	-
	Male	30	17	1	-	2	1	2	3	1	-	3	-
	Female	16	8	3	-	2	-	-	2	1	-	-	-
Residual of 740-759	Other Congenital Anomalies	110	68	9	5	5	5	1	1	5	5	5	1
	Male	59	35	6	4	4	3	-	1	2	3	1	-
	Female	51	33	3	1	1	2	1	-	3	2	4	1
	XV. CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY												
760-779	Certain Cause of Mortality in Early Infancy	148	146	2	-	-	-	-	-	-	-	-	-
	Male	78	77	1	-	-	-	-	-	-	-	-	-
	Female	70	69	1	-	-	-	-	-	-	-	-	-
	XVI. SYMPTOMS AND ILL-DEFINED CONDITIONS												
797	Senility	2	-	-	-	-	-	-	-	-	-	-	2
	Male	-	-	-	-	-	-	-	-	-	-	-	-
	Female	2	-	-	-	-	-	-	-	-	-	-	2
798.0	Sudden Infant Death Syndrome	97	97	-	-	-	-	-	-	-	-	-	-
	Male	48	48	-	-	-	-	-	-	-	-	-	-
	Female	49	49	-	-	-	-	-	-	-	-	-	-
Residual of 780-799	Other Symptoms and Ill-Defined Conditions	210	-	2	-	4	4	4	8	27	44	64	53
	Male	116	-	1	-	2	4	3	4	19	27	34	22
	Female	94	-	1	-	2	-	1	4	8	17	30	31

TABLE 28 1983 Continued

9th Rev. ICDA	CAUSE OF DEATH	TOTAL	Under 1- Year	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
	XVII. ACCIDENTS, POISONINGS, AND VIOLENCE												
800-949	Accidents	1,156	11	36	69	239	222	117	91	98	92	92	89
	Male	820	7	25	49	174	170	94	73	70	67	60	31
	Female	336	4	11	20	65	52	23	18	28	25	32	58
810-825	Motor Vehicle Accident	587	5	11	36	180	129	67	40	41	38	33	7
	Male	415	3	7	21	123	98	52	32	27	25	23	4
	Female	172	2	4	15	57	31	15	8	14	13	10	3
830-838	Water Transport Accidents	27	-	-	-	2	9	1	4	4	5	2	-
	Male	25	-	-	-	2	7	1	4	4	5	2	-
	Female	2	-	-	-	-	2	-	-	-	-	-	-
840-845	Air Transport Accidents	21	-	-	1	1	4	7	6	2	-	-	-
	Male	17	-	-	1	-	2	7	5	2	-	-	-
	Female	4	-	-	-	1	2	-	1	-	-	-	-
850-869	Poisoning Accidents	45	-	-	-	9	14	7	6	4	1	3	1
	Male	29	-	-	-	7	8	4	3	4	1	2	-
	Female	16	-	-	-	2	6	3	3	-	-	1	1
880-888	Accidental Falls	142	1	2	-	2	7	7	5	11	14	29	64
	Male	70	-	2	-	2	6	6	2	6	9	15	22
	Female	72	1		-	-	1	1	3	5	5	14	42
890-899	Fire & Flame Accidents	51	-	4	6	3	6	3	7	9	6	7	-
	Male	35	-	3	4	1	5	2	5	6	4	5	-
	Female	16	-	1	2	2	1	1	2	3	2	2	-
910	Drowning and Submersion	81	1	12	17	18	17	5	2	4	2	3	-
	Male	69	1	10	15	18	13	3	2	3	2	2	-
	Female	12	-	2	2	-	4	2	-	1	-	1	-
950-959	Suicides	417	-	-	-	62	81	77	50	64	38	31	14
	Male	331	-	-	-	54	69	61	36	46	31	22	12
	Female	86	-	-	-	8	12	16	14	18	7	9	2
960-978	Homicides	112	1		10	20	32	18	13	7	6	-	-
	Male	68	1	2	3	12	19	14	10	4	3	-	-
	Female	44	-	3	7	8	13	4	3	3	3	-	-
980-989	Injuries Undetermined Whether Accidentally or Purposely Inflicted	56	1	1	3	7	17	8	7	6	4	2	-
	Male	34	1	1	3	4	11	5	3	5	1	-	-
	Female	22	-	-	-	3	6	3	4	1	3	2	-

TABLE 29. RESIDENT DEATHS DUE TO OR MENTIONING EXTERNAL FACTORS, OREGON, 1983

NUMERIC TOTALS							
METHODS	TOTAL	ACCI-DENTS	SUI-CIDES	HOMI-CIDES	UNDE-TER-MINED	LEGAL INTER-VENTION	NATURAL EFFECTS OF ALCOHOL
TOTAL[2]	1,741	1,156	417	110	56	2	-
Firearms	352	22	254	65	9	2	-
Suffocation/ Hanging	83	36	35	9	3	-	-
Drowning/ Boating[1]	111	102	5	-	4	-	-
Ingestion of Substance	607	44	96	1	22	-	226* 444
Cutting/ Piercing	29	4	4	21	-	-	-
Falls/ Jumping	152	142	10	-	-	-	-
Motor Vehicles	592	591	1	-	-	-	-
PERCENTAGE TOTALS							
Firearms	100.0	6.3	72.2	18.5	2.6	0.6	0.0
Suffocation/ Hanging	100.0	43.4	42.2	10.8	3.6	0.0	0.0
Drowning/ Boating	100.0	91.9	4.5	0.0	3.6	0.0	0.0
Ingestion of Substance	100.0	7.2	15.8	0.2	3.6	0.0	73.1
Cutting/ Piercing	100.0	13.8	13.8	72.4	0.0	0.0	0.0
Falls/ Jumping	100.0	93.4	6.6	0.0	0.0	0.0	0.0
Motor Vehicles	100.0	99.8	.2	0.0	0.0	0.0	0.0

[1] Includes boating accidents resulting in deaths from drowning.

[2] Includes deaths in misc. categories, therefore the vertical tally has a discrepancy.

* Additional MENTION of Alcohol & Drugs but not the underlying cause.

TABLE 30. RESIDENT DEATHS FROM SUICIDE, HOMICIDE, EXTERNAL CAUSES UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED BY AGE, SEX AND METHOD, OREGON, 1983

METHOD OF DEATH	TOTAL	AGE AND SEX																	
		Total		Under 15		15-24		25-34		35-44		45-54		55-64		65-74		75+	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
METHOD OF SUICIDE																			
TOTAL	417	331	86	-	-	54	8	69	12	61	16	36	14	46	18	31	7	34	11
Poisoning:																			
Gas	48	30	18	-	-	3	1	9	1	7	4	6	5	3	3	1	2	1	2
Solid or Liquid	51	19	32	-	-	4	1	6	7	3	7	3	4	1	6	1	2	1	5
Suffocation & Hanging	35	30	5	-	-	9	1	8	-	4	-	2	1	5	-	1	1	1	2
Drowning	5	3	2	-	-	-	-	1	1	-	-	-	-	-	-	2	1	-	-
Firearms	257	230	27	-	-	31	5	41	3	42	5	25	3	35	8	25	1	31	2
Cutting & Piercing	4	4	-	-	-	1	-	2	-	1	-	-	-	-	-	-	-	-	-
Jumping from High Places	10	8	2	-	-	3	-	-	-	2	-	-	1	2	1	1	-	-	-
Other	7	7	-	-	-	3	-	2	-	2	-	-	-	-	-	-	-	-	-
METHOD OF HOMICIDE																			
TOTAL	112	68	44	6	10	12	8	9	13	14	4	10	3	4	3	3	3	0	3
Suffocation & Hanging	9	6	3	2	2	1	1	1	0	1	-	1	-	-	-	-	-	-	-
Firearms	65	43	22	4	3	8	2	9	8	11	4	8	2	1	1	2	2	-	2
Cutting & Piercing	21	12	9	-	-	1	3	5	4	2	-	1	1	2	1	1	-	-	-
Legal Intervention by Firearm	2	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Child Battering	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	14	5	9	-	4	-	2	4	1	-	-	-	-	1	1	-	1	-	1
UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED																			
TOTAL	56	34	22	5	-	4	3	11	6	5	3	3	4	5	1	1	3	-	2
Poisoning:																			
Gas	3	3	-	-	-	-	-	1	-	1	-	-	-	1	-	-	-	-	-
Solid or Liquid	21	9	12	-	-	-	1	4	4	2	3	2	3	1	-	-	-	-	1
Drowning	4	3	1	-	-	1	-	-	-	-	-	-	-	1	-	1	1	-	-
Firearms	9	6	3	-	-	1	1	4	2	1	-	-	-	-	-	-	-	-	-
Other	19	13	6	5	-	2	1	2	-	1	-	1	1	2	1	-	2	-	1

TABLE 31. RESIDENT ACCIDENTAL DEATHS BY TYPE OR SOURCE OF INJURY, AGE GROUPS AND SEX, OREGON, 1983

TYPE OR SOURCE OF INJURY	TOTAL	AGE Under 1		1-4		5-14		15-24		25-34		35-44		45-54		55-64		65-74		75+	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL	1,156	7	4	25	11	49	20	174	65	170	52	94	23	73	18	70	28	67	25	91	90
TRANSPORTATION																					
Motor Vehicle	587	3	2	7	4	21	15	123	57	98	31	52	15	32	8	27	14	25	13	27	13
Watercraft	27	-	-	-	-	-	-	2	-	7	2	1	-	4	-	4	-	5	-	2	-
Aircraft	21	-	-	-	-	1	-	-	1	2	2	7	-	5	1	2	-	-	-	-	-
Railway	6	-	-	-	-	-	-	1	-	1	-	1	-	-	-	3	-	-	-	-	-
Other Road Vehicle	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
POISONING																					
Gas	9	-	-	-	-	-	-	3	-	1	-	1	-	1	2	-	-	-	-	1	-
Drugs & Medicines	26	-	-	-	-	-	-	1	2	7	6	3	2	1	-	1	-	1	-	-	2
Other Solid or Liquid	10	-	-	-	-	-	-	3	-	-	-	-	1	1	1	3	-	-	-	1	-
SUFFOCATION OR OBSTRUCTION																					
Inhalation or Ingestion: Food	16	1	-	1	-	-	-	-	-	-	-	1	-	-	1	2	1	2	1	2	4
Other Object	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	1
Mechanical Suffocation	14	2	1	1	-	3	1	2	-	2	-	1	-	-	-	1	-	-	-	-	-
MISCELLANEOUS																					
Falls	142	-	1	2	-	-	-	2	-	6	1	6	1	2	3	6	5	9	5	37	56
Fires	51	-	-	3	1	4	2	1	2	5	1	2	1	5	2	6	3	4	2	5	2
Drowning	81	1	-	10	2	15	2	18	-	13	4	3	2	2	-	3	1	2	-	2	1
Struck by Object	45	-	-	-	-	3	-	6	-	16	-	8	-	6	-	2	-	4	-	-	-
Machinery	26	-	-	-	-	-	-	3	-	4	1	4	-	3	-	6	1	1	-	3	-
Firearms	22	-	-	-	2	1	-	6	3	4	-	2	-	2	-	1	-	-	-	1	-
Electric Current	6	-	-	-	1	-	-	-	-	1	-	-	-	4	-	-	-	-	-	-	-
Other & Unspecified	31	-	-	-	1	-	-	1	-	2	4	2	1	1	-	3	1	5	1	4	5
Complications of Medical and Surgical Procedures	21	-	-	1	-	-	-	1	-	-	-	-	-	1	-	-	2	5	2	3	6
Late Effects of Accidents	8	-	-	-	-	1	-	1	-	1	-	-	-	2	-	-	-	2	-	1	-

TABLE 32. DEATHS OCCURRING IN OREGON BY TYPE OF ACCIDENT AND BY AGE GROUPS, 1983

TYPE OF ACCIDENT	TOTAL		AGE GROUPS						
	Number	Rate	Under 1	1-4	5-14	15-24	25-44	45-64	65+
TOTAL	1,139	43.2	9	38	60	248	324	189	271
WORK ACCIDENTS	59	2.2	-	-	-	7	29	18	5
Logging	20	0.8	-	-	-	3	14	3	-
Agriculture	13	0.5	-	-	-	1	3	5	4
Mining	-	0.0	-	-	-	-	-	-	-
Construction	7	0.3	-	-	-	1	3	3	-
Manufacturing	10	0.4	-	-	-	1	4	5	-
Transportation	3	0.1	-	-	-	1	1	1	-
Trade	3	0.1	-	-	-	-	2	-	1
Service	2	0.1	-	-	-	-	1	1	-
Government	-	0.0	-	-	-	-	-	-	-
Other & Unspecified	1	0.0	-	-	-	-	1	-	-
HOME ACCIDENTS	228	8.7	4	20	13	22	33	35	101
Poisoning - Other	27	1.0	-	-	-	5	11	6	5
Poisoning - Gas	8	0.3	-	-	-	3	1	3	1
Falls	80	3.0	1	2	-	-	3	8	66
Fires	43	1.6	-	3	6	3	8	11	12
Drowning	15	0.6	1	9	1	-	1	-	3
Suffocation, Ingestion	8	0.3	-	1	-	-	1	2	4
Suffocation, Mechanical	10	0.4	2	1	4	2	1	-	-
Firearms	13	0.5	-	2	1	6	3	-	1
Other & Unspecified	24	0.9	-	2	1	3	4	5	9
MOTOR VEHICLE	578	21.9	5	12	29	180	194	83	75
Injury to Pedestrian	76	2.9	1	5	9	10	18	15	18
Injury to Pedalcyclist	16	0.6	-	1	6	7	1	1	-
Collision with RR Train	1	0.0	-	-	-	-	1	-	-
Collision with Other Motor Vehicle	230	8.7	2	2	5	75	76	32	38
Collision with Fixed Object	51	1.9	1	1	1	20	22	3	3
Noncollision (Loss of Control)	194	7.4	1	3	8	63	73	30	16
Other and Unspecified	10	0.4	-	-	-	5	3	2	-
PUBLIC ACCIDENT	235	8.9	-	6	17	38	57	48	69
Railway Transportation	6	0.2	-	-	-	1	2	3	-
Other Transportation	1	0.0	-	-	-	-	-	1	-
Water Transportation	29	1.1	-	-	-	3	12	7	7
Air Transportation	18	0.7	-	-	-	3	8	7	-
Falls	46	1.7	-	-	-	2	6	4	34
Fires	7	0.3	-	-	-	-	2	4	1
Drowning	64	2.4	-	5	16	21	15	5	2
Firearms	8	0.3	-	-	-	3	2	3	-
Other and Unspecified	56	2.1	-	1	1	5	10	14	25
UNCLASSIFIED	39	1.5	-	-	1	1	11	5	21

All rates per 100,000 population

TABLE 33. INFANT, NEONATAL AND POST-NEONATAL DEATHS, 1979-1983, BY MATERNAL RISK FACTORS AND INFANT CHARACTERISTICS FOR OREGON RESIDENTS AT BIRTH

RISK FACTORS	INFANT DEATH		NEONATAL DEATH		POST-NEONATAL	
	Number	Rate	Number	Rate	Number	Rate
AGE OF MOTHER						
17 or less	160	19.1	93	11.1	67	8.0
18-34 years	1,965	10.3	1,184	6.2	781	4.1
35+ years	86	9.5	58	6.4	28	3.1
MARITAL STATUS						
Married	1,651	9.3	1,022	5.8	629	3.5
Not Married	550	17.6	308	9.8	242	7.7
PRENATAL CARE BEGAN						
1st & 2nd Trimester	1,944	9.9	1,168	5.9	776	3.9
None or 3rd Trimester	174	17.8	93	9.5	81	8.3
EDUCATION OF MOTHER						
0-11 years	619	15.3	321	7.9	298	7.4
12 years	791	9.7	458	5.6	333	4.1
13+ years	689	8.4	479	5.8	210	2.6
PLURALITY OF BIRTH						
Single	2,016	9.9	1,136	5.6	880	4.3
Multiple	242	57.8	207	49.4	35	8.4
LIVE BIRTH ORDER						
1-3 births	1,988	10.5	1,200	63.0	788	4.1
4+ births	218	11.8	131	7.1	87	4.7
BIRTHWEIGHT						
≤1499 grams	828	474.8	760	435.8	68	39.0
1500-2499 grams	335	38.7	201	23.2	134	15.5
2500-4499 grams	1,018	5.3	358	1.9	660	3.4
4500+ grams	21	3.9	8	1.5	13	2.4
CONGENITAL ANOMALIES						
Yes	384	167.1	308	134.0	76	33.1
No	1,790	8.7	1,001	4.9	789	3.8
APGAR (5 Minutes)						
0-7	1,066	117.5	918	101.2	148	16.3
8-10	984	5.0	288	1.5	696	3.6
SEX						
Male	1,279	12.2	738	7.0	541	5.1
Female	980	9.5	006	5.9	374	3.6
RACE OF CHILD						
White	2,069	10.7	1,232	6.3	837	4.3
Non-White	190	13.1	112	7.7	78	5.4

Rate per 1,000 Live Births

TABLE 34. RESIDENT INFANT DEATHS BY CAUSE AND AGE AT DEATH, OREGON, 1983

CAUSE OF DEATH	ALL INFANT DEATHS	UNDER 28 DAYS				
		TOTAL	Under 1 Day	1-6 Days	1-27 Days	28 DAYS & OVER
TOTAL	385	215	123	52	40	170
RATE	9.6	5.4	3.1	1.3	1.0	4.3
CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY	146	131	95	21	15	15
Other Complications of Pregnancy & Delivery	6	6	6			
Conditions of Placenta and Cord	7	7	7			
Immaturity, Unqualified	29	28	26	1	1	1
Birth Trauma without Mention of Cause	11	9	3	6		2
Anoxic & Hypoxic Conditions	12	10	7	2	1	2
Respiratory Distress Syndrome	16	15	7	5	3	1
Other Respiratory Conditions	25	20	15	1	4	5
All Other	40	36	24	6	6	4
OTHER DISEASES	226	83	28	31	24	143
Congenital Anomalies	93	70	26	28	16	23
Diseases of Nervous System	12	2			2	10
Respiratory Disease	1					1
Sudden Infant Death Syndrome	97	4			4	93
All Other Diseases	23	7	2	3	2	16
VIOLENT & ACCIDENTAL CAUSES	13	1			1	12
Motor Vehicle	5	0				5
Other Accidental Causes	6	1			1	5
Homicide	1	0				1
Other External Causes	1	0				1

Rate per 1,000 Live Births

TABLE 35. INFANT DEATHS BY COUNTY OF RESIDENCE AND AGE AT TIME OF DEATH, OREGON, 1983

COUNTY OF RESIDENCE	ALL INFANT DEATHS		UNDER 28 DAYS (NEONATAL PERIOD)					28 DAYS & OVER	
			TOTAL		Under 1 Day	1-6 Days	7-27 Days		
	Number	Rate	Number	Rate				Number	Rate
TOTAL	385	9.6	215	5.4	123	52	40	170	.3
Baker	2	7.8	2	7.8	1	1	-	-	-
Benton	4	4.7	3	3.5	3	-	-	1	.2
Clackamas	32	9.5	18	5.4	7	5	6	14	.2
Clatsop	4	8.6	2	4.3	-	1	1	2	.3
Columbia	6	11.5	2	3.8	1	1	-	4	.7
Coos	11	12.8	8	9.3	5	2	1	3	.5
Crook	-	-	-	-	-	-	-	-	-
Curry	4	17.0	2	8.5	2	-	-	2	.5
Deschutes	6	6.3	4	4.2	1	2	1	2	.1
Douglas	10	7.7	2	1.5	1	1	-	8	.2
Gilliam	-	-	-	-	-	-	-	-	-
Grant	1	7.6	1	7.6	1	-	-	-	-
Harney	-	-	-	-	-	-	-	-	-
Hood River	3	11.0	2	7.3	1	-	1	1	.7
Jackson	15	8.0	9	4.8	3	2	4	6	.2
Jefferson	1	3.9	-	-	-	-	-	1	.9
Josephine	11	13.7	9	11.2	5	2	2	2	.5
Klamath	8	9.1	5	5.7	3	1	1	3	.4
Lake	-	-	-	-	-	-	-	-	-
Lane	37	9.3	17	4.3	15	2	-	20	.0
Lincoln	4	7.6	3	5.7	2	-	1	1	.9
Linn	11	8.4	5	3.8	4	1	-	6	.6
Malheur	6	12.0	2	4.0	-	1	1	4	.0
Marion	39	11.3	22	6.3	12	5	5	17	.9
Morrow	1	7.1	1	7.1	1	-	-	-	-
Multnomah	92	10.7	51	6.0	34	11	6	41	.8
Polk	8	13.4	5	8.4	4	-	1	3	.0
Sherman	-	-	-	-	-	-	-	-	-
Tillamook	4	13.1	4	13.1	2	2	-	-	-
Umatilla	10	9.2	6	5.5	5	1	-	4	.7
Union	7	18.6	5	13.3	2	1	2	2	.3
Wallowa	1	7.9	-	-	-	-	-	1	.9
Wasco	4	11.7	2	5.9	1	-	1	2	.9
Washington	36	8.6	18	4.3	4	10	4	18	.3
Wheeler	-	-	-	-	-	-	-	-	-
Yamhill	7	7.6	5	5.5	3	-	2	2	.2

All Rates per 1,000 Live Births.

TABLE 36. DEATHS BY COUNTY OF RESIDENCE BY AGE GROUPS AND SEX, OREGON, 1983

COUNTY OF RESIDENCE	TOTAL DEATHS	AGE GROUPS AND SEX									
		ALL AGES		UNDER 1		1-4		5-14		15-24	
		Male	Female	M	F	M	F	M	F	M	F
STATE	22,361	11,985	10,376	206	179	58	39	76	39	295	123
Baker	206	109	97	-	2	-	-	-	-	1	1
Benton	387	209	178	1	3	1	-	3	-	6	1
Clackamas	1,782	924	858	16	16	2	3	5	6	27	12
Clatsop	351	175	176	1	3	2	-	1	-	2	4
Columbia	302	172	130	5	1	1	1	2	4	10	2
Coos	620	340	280	7	4	-	1	1	1	5	2
Crook	138	85	53	-	-	2	-	1	-	-	2
Curry	177	106	71	3	1	-	-	-	-	4	2
Deschutes	490	295	195	4	2	4	1	2	-	7	2
Douglas	763	422	341	6	4	2	3	3	1	7	5
Gilliam	14	8	6	-	-	-	-	-	-	-	-
Grant	77	44	33	-	1	-	-	1	-	2	-
Harney	52	34	18	-	-	1	-	-	1	1	1
Hood River	143	77	66	1	2	-	1	-	1	-	1
Jackson	1,180	656	524	7	8	4	5	4	-	14	5
Jefferson	99	55	44	-	1	-	-	1	-	4	2
Josephine	594	310	284	4	7	1	-	-	1	7	1
Klamath	479	277	202	5	3	3	-	4	-	9	5
Lake	70	36	34	-	-	-	-	1	-	-	1
Lane	1,936	1,068	868	22	15	8	-	9	4	30	14
Lincoln	450	251	199	1	3	-	1	-	-	5	1
Linn	715	393	322	8	3	-	1	5	1	6	1
Malheur	241	148	93	2	4	-	-	-	1	4	1
Marion	1,863	993	870	21	18	4	3	6	5	32	7
Morrow	53	35	18	1	-	-	-	2	-	5	-
Multnomah	5,474	2,826	2,648	47	45	16	10	16	6	53	28
Polk	365	189	176	5	3	1	2	1	1	3	3
Sherman	18	14	4	-	-	-	-	-	-	1	1
Tillamook	224	126	98	2	2	-	-	1	-	-	1
Umatilla	555	286	269	5	5	-	3	-	2	10	5
Union	198	93	105	3	4	-	-	1	-	2	1
Wallowa	75	39	36	1	-	-	-	-	-	1	-
Wasco	206	114	92	1	3	1	-	-	-	3	-
Washington	1,600	823	777	23	13	5	3	3	3	26	10
Wheeler	18	14	4	-	-	-	-	-	-	1	-
Yamhill	446	239	207	4	3	-	1	3	1	7	1

TABLE 36. Continued

AGE GROUPS AND SEX													
25-34		35-44		45-54		55-64		65-74		75-84		85+	
M	F	M	F	M	F	M	F	M	F	M	F	M	F
358	141	385	194	691	429	1,769	1,108	3,191	2,153	3,168	2,928	1,788	3,043
5	2	2	2	4	-	16	9	28	22	37	35	16	24
3	6	10	1	10	6	32	14	38	29	58	59	47	59
26	5	45	22	42	31	150	85	233	173	245	244	133	261
5	2	3	4	7	11	20	20	52	36	50	47	32	49
5	1	7	2	9	6	27	16	43	37	39	33	24	27
16	3	5	7	25	14	62	40	80	56	90	78	49	74
3	-	1	3	4	2	12	4	22	11	30	16	10	15
-	1	6	-	10	4	14	7	31	24	28	19	10	13
13	1	15	3	17	6	33	28	85	48	82	57	33	47
11	6	17	5	16	16	72	52	113	88	119	76	56	85
1	-	-	-	-	-	2	-	2	2	3	2	-	2
-	-	-	-	4	-	8	6	14	7	9	7	6	12
2	-	-	1	2	-	7	4	9	5	8	1	4	5
1	-	3	2	1	4	10	11	29	12	26	15	6	17
15	2	13	14	38	24	85	50	195	116	185	141	96	159
4	-	2	1	5	1	5	8	21	7	11	10	2	14
11	3	7	5	17	8	45	31	97	51	88	93	33	84
7	5	12	3	22	6	48	28	84	51	61	51	22	50
-	1	-	-	5	3	6	3	10	8	11	6	3	12
36	10	41	10	73	31	155	91	267	192	253	248	174	253
7	2	5	3	11	6	35	24	80	53	74	52	33	54
5	4	12	11	25	13	51	26	111	76	106	86	64	100
4	-	4	3	8	1	17	12	39	14	47	36	23	21
30	19	24	20	49	35	127	92	253	167	296	268	151	236
1	-	-	-	-	1	2	4	10	2	12	3	2	8
91	37	86	48	158	116	445	267	765	516	690	720	459	855
3	1	3	1	9	7	35	20	50	29	49	56	30	53
-	-	-	-	3	-	1	-	4	-	4	2	1	1
2	2	2	-	7	5	18	6	47	28	31	27	16	27
8	5	9	5	23	13	49	30	69	53	72	73	41	75
6	4	2	2	3	5	10	12	22	21	22	21	22	35
-	2	-	-	2	2	7	4	12	6	12	12	4	10
3	-	2	-	9	6	18	8	31	23	32	25	14	27
28	17	42	14	61	31	112	75	188	150	210	246	125	215
-	-	-	-	1	-	2	-	3	2	5	1	2	1
6	-	5	2	11	15	31	21	54	38	73	62	45	63

TABLE 37. LEADING CAUSES OF DEATH BY COUNTY OF RESIDENCE OF DECEASED, OREGON 1983

COUNTY OF RESIDENCE	TOTAL DEATHS	DISEASE OF THE HEART	MALIGNANT NEOPLASMS	CEREBROVASCULAR DISEASE	ACCIDENTS	BRONCHITIS, EMPHYSEMA, ASTHMA & CHRONIC OBSTRUCTIVE PULMONARY DISEASE	INFLUENZA & PNEUMONIA	ARTERIOSCLEROSIS
STATE	22,361	7,910	4,943	2,021	1,156	971	634	470
Rate	848.6	300.2	187.6	76.7	43.9	36.9	24.1	17.8
Baker	206	72	42	22	9	11	5	2
Benton	387	154	69	36	20	16	12	17
Clackamas	1,782	665	397	141	102	76	64	45
Clatsop	351	113	70	38	14	16	8	12
Columbia	302	94	74	21	32	9	6	6
Coos	620	202	151	47	28	31	20	9
Crook	138	52	30	6	12	5	10	7
Curry	177	67	50	7	11	9	3	-
Deschutes	490	162	120	40	32	23	11	15
Douglas	763	246	192	56	46	45	23	9
Gilliam	14	7	2	1	-	1	-	-
Grant	77	33	12	5	8	2	1	1
Harney	52	19	8	5	7	2	1	2
Hood River	143	45	30	17	5	5	3	10
Jackson	1,180	421	282	111	56	55	39	13
Jefferson	99	29	19	7	12	7	3	4
Josephine	594	211	122	56	29	30	10	20
Klamath	479	169	94	50	30	15	16	9
Lake	70	29	15	7	5	3	3	1
Lane	1,936	677	430	183	112	79	49	45
Lincoln	450	165	101	34	20	17	13	9
Linn	715	247	172	68	35	38	26	9
Malheur	241	89	41	23	12	11	7	4
Marion	1,863	692	411	177	84	64	43	41
Morrow	53	17	17	3	6	-	1	1
Multnomah	5,474	1,897	1,189	530	232	225	162	127
Polk	365	121	86	39	10	14	3	7
Sherman	18	4	5	2	2	2	1	1
Tillamook	224	88	49	20	10	18	4	3
Umatilla	555	197	105	49	37	26	15	6
Union	198	54	48	18	13	12	7	2
Wallowa	75	37	14	4	3	2	1	1
Wasco	206	74	40	25	15	11	6	2
Washington	1,600	591	361	114	90	65	50	21
Wheeler	18	11	2	1	1	-	-	-
Yamhill	446	159	93	58	16	26	8	9

All rates per 100,000 population

TABLE 37. Continued

SUICIDE	ALCOHOLISM, ALCOHOLIC CIRRHOSIS & ALCOHOLIC PSYCHOSIS 2/	DIABETES MELLITUS	OTHER DISEASES OF ARTERIES	CONGENITAL ANOMALIES	CERTAIN CAUSES IN EARLY INFANCY	NEPHRITIS & NEPHROSIS	HOMICIDE	SUDDEN INFANT DEATH SYNDROME	PEPTIC ULCER	HYPERTENTION with or without RENAL DISEASE	ALL OTHER CAUSES
417	337	329	276	156	148	148	112	97	79	76	2081
15.8	12.8	12.5	10.5	5.9	5.6	5.6	4.3	3.7	3.0	2.9	79.0
5	2	3	3	-	2	5	1	-	2	2	18
9	2	3	3	1	3	2	2	1	2	1	34
32	17	24	19	12	11	6	12	10	4	5	140
7	7	4	8	2	3	1	1	1	3	-	43
8	7	9	3	4	1	1	-	2	-	1	24
9	11	17	7	6	4	4	6	2	1	1	64
1	3	1	5	-	-	2	-	-	-	1	3
3	2	3	2	1	1	3	-	-	-	-	15
10	8	7	7	1	4	2	-	1	4	2	41
11	12	21	11	6	2	6	3	5	3	-	66
-	-	-	-	-	-	-	-	-	-	-	3
5	1	-	-	-	1	-	-	-	-	-	8
-	-	-	-	-	-	1	2	-	1	-	4
1	2	-	5	2	1	-	-	1	2	-	14
25	13	14	11	11	5	6	1	2	3	2	110
3	3	1	2	-	-	2	1	1	-	-	5
5	6	14	4	3	5	4	3	1	1	10	60
15	10	9	8	3	5	6	4	1	4	1	30
-	1	1	2	-	-	-	-	-	-	-	3
38	19	25	22	16	16	9	8	9	6	9	184
10	8	9	5	2	1	3	1	2	-	-	50
13	9	14	4	3	3	10	-	4	2	6	52
9	2	9	5	1	-	2	3	2	1	2	18
42	22	29	18	19	11	15	7	12	7	5	164
-	-	2	-	-	1	1	-	-	-	-	4
99	122	59	75	32	39	45	39	25	21	15	541
7	4	6	6	4	4	1	-	1	-	1	51
-	-	-	-	-	-	-	-	-	-	-	1
2	4	1	1	2	2	1	-	-	-	1	18
13	8	6	7	3	5	2	5	1	1	1	68
2	4	3	1	-	5	-	-	1	2	2	24
4	1	1	-	-	-	-	-	1	1	-	5
2	5	3	1	1	1	-	1	1	-	-	18
22	18	24	24	18	9	6	12	8	3	6	158
-	1	-	-	-	-	-	-	-	-	-	2
5	3	7	7	3	3	2	-	2	5	2	38

2/ Of 301 total Cirrhosis of Liver, 255 were with mention of Alcoholism

TABLE 38. DEATHS BY COUNTY OF RESIDENCE BY SEX AND RACE, OREGON, 1983

COUNTY OF RESIDENCE	TOTAL	SEX		RACE							
				White*							
		Male	Female	Total White	Hispanic	Black	Indian	Chinese	Japanese	Other Asian & Pacific Islander	Other Non-White
Total**	22,361	11,985	10,376	21,836	80	290	96	45	32	46	15
Baker	206	109	97	206	-	-	-	-	-	-	-
Benton	387	209	178	385	-	-	-	-	-	2	-
Clackamas	1,782	924	858	1,772	2	2	4	1	-	2	1
Clatsop	351	175	176	347	-	-	-	2	1	1	-
Columbia	302	172	130	302	-	-	-	-	-	-	-
Coos	620	340	280	617	-	1	-	1	-	1	-
Crook	138	85	53	138	-	-	-	-	-	-	-
Curry	177	106	71	175	-	-	1	-	-	1	-
Deschutes	490	295	195	490	2	-	-	-	-	-	-
Douglas	763	422	341	762	-	-	-	-	-	-	-
Gilliam	14	8	6	14	-	-	-	-	-	-	-
Grant	77	44	33	77	-	-	-	-	-	-	-
Harney	52	34	18	49	-	1	2	-	-	-	-
Hood River	143	77	66	141	1	-	-	-	2	-	-
Jackson	1,180	656	524	1,174	7	1	3	-	-	1	1
Jefferson	99	55	44	81	1	-	18	-	-	-	-
Josephine	594	310	284	593	2	-	-	-	1	-	-
Klamath	479	277	202	462	2	6	10	-	1	-	-
Lake	70	36	34	70	-	-	-	-	-	-	-
Lane	1,936	1,068	868	1,416	2	7	5	1	2	4	1
Lincoln	450	251	199	444	-	-	6	-	-	-	-
Linn	715	393	322	714	1	-	-	1	-	-	-
Malheur	241	148	93	236	13	1	-	-	4	-	-
Marion	1,863	993	870	1,849	14	2	4	3	1	3	1
Morrow	53	35	18	53	1	-	-	-	-	-	-
Multnomah**	5,474	2,826	2,648	5,102	12	265	25	34	18	20	9
Polk	365	189	176	362	3	-	2	-	-	1	-
Sherman	18	14	4	18	-	-	-	-	-	-	-
Tillamook	224	126	98	223	-	-	1	-	-	-	-
Umatilla	555	286	269	542	5	1	12	-	-	-	-
Union	198	93	105	198	-	-	-	-	-	-	-
Wallowa	75	39	36	75	-	-	-	-	-	-	-
Wasco	206	114	92	202	-	1	2	-	-	-	1
Washington	1,600	823	777	1,583	9	2	1	2	2	10	-
Wheeler	18	14	4	18	-	-	-	-	-	-	-
Yamhill	446	239	207	446	3	-	-	-	-	-	-

* The number of Hispanic deaths is not complete since certificates request racial rather than ethnic origins. All Hispanic entries are recorded as white in national vital statistics. Total White includes Hispanic. Other non-white includes groups where statewide total is less than 20 (Hawaiian, Filipino, other).

**Includes 1 - race not stated.

TABLE 39. ACCIDENTAL DEATHS BY PRINCIPAL CLASSES AND COUNTY OF ACCIDENT, OREGON, 1983

COUNTY OF ACCIDENT	TOTAL Number	TOTAL Rate1/	HOME	MOTOR VEHICLE	PUBLIC	OCCUPA-TIONAL	UNCLAS-SIFIED
STATE	1,128	42.8	224	574	232	60	38
Baker	18	111.5	4	13	1	-	-
Benton	16	23.5	4	8	4	-	-
Clackamas	93	38.2	17	56	16	2	2
Clatsop	19	58.0	1	10	6	2	-
Columbia	26	72.2	6	14	5	1	-
Coos	27	43.9	7	8	9	3	-
Crook	11	84.9	5	4	1	1	-
Curry	3	17.2	2	1	-	-	-
Deschutes	28	44.2	7	14	5	2	-
Douglas	58	64.2	7	31	8	12	-
Gilliam	2	101.5	-	2	-	-	-
Grant	8	100.0	1	3	4	-	-
Harney	7	96.6	-	5	2	-	-
Hood River	6	37.0	2	3	1	-	-
Jackson	47	35.2	11	26	6	4	-
Jefferson	16	132.8	3	10	1	2	-
Josephine	19	32.1	3	8	5	2	1
Klamath	36	61.7	7	19	7	2	1
Lake	8	106.7	1	6	1	-	-
Lane	95	35.5	12	60	16	4	3
Lincoln	28	76.2	6	12	8	2	-
Linn	46	51.5	5	28	10	3	-
Malhuer	17	63.0	3	8	6	-	-
Marion	72	35.0	13	41	16	2	-
Morrow	5	68.7	-	5	-	-	-
Multnomah	185	33.2	62	80	32	6	5
Polk	10	22.4	1	4	3	1	1
Sherman	5	227.3	-	4	-	1	-
Tillamook	24	111.6	5	10	9	-	-
Umatilla	32	53.2	2	20	9	1	-
Union	12	49.6	3	7	2	-	-
Wallowa	4	54.6	1	-	2	1	-
Wasco	18	80.4	3	7	5	3	-
Washington	65	25.3	16	37	10	2	-
Wheeler	2	140.4	-	2	-	-	-
Yamhill	12	21.4	-	8	3	1	-
Not Stated	48	-	4	-	19	-	25

1/ Rate per 100,000 population

TABLE 40. ALL DEATHS AND MEDICAL EXAMINER'S CASES BY COUNTY OF OCCURRENCE AND AUTOPSY, OREGON 1983

COUNTY OF OCCURRENCE	ALL DEATHS			MEDICAL EXAMINER CASES		
	Number	Cases Autopsied		Number	Cases Autopsied	
		Number	Percent		Number	Percent
TOTAL	22,463	2,502	11.1	3,614	900	24.9
Baker	193	6	3.1	41	4	9.8
Benton	430	48	11.2	49	12	24.5
Clackamas	1,832	146	8.0	261	78	29.9
Clatsop	309	23	7.4	50	9	18.0
Columbia	176	12	6.8	43	9	20.9
Coos	581	42	7.2	87	23	26.4
Crook	124	4	3.2	26	2	7.7
Curry	124	6	4.8	27	5	18.5
Deschutes	544	69	12.7	90	27	30.0
Douglas	779	110	14.1	174	53	30.5
Gilliam	12	1	8.3	6	1	16.7
Grant	57	3	5.3	21	3	14.3
Harney	47	5	10.6	11	4	36.4
Hood River	138	5	3.6	23	3	13.0
Jackson	1,206	71	5.9	168	20	11.9
Jefferson	80	13	16.3	28	12	42.9
Josephine	567	30	5.3	73	17	23.3
Klamath	481	45	9.4	99	31	31.3
Lake	67	6	9.0	11	4	36.4
Lane	1,979	194	9.8	259	77	29.7
Lincoln	402	35	8.7	90	20	22.2
Linn	593	48	8.1	107	26	24.3
Malheur	279	33	11.8	57	12	21.1
Marion	1,911	144	7.5	231	62	26.8
Morrow	31	2	6.5	7	1	14.3
Multnomah	6,179	1,043	16.9	1,077	273	25.3
Polk	218	14	6.4	43	7	16.3
Sherman	8	1	12.5	6	1	16.7
Tillamook	203	5	2.5	39	4	10.3
Umatilla	435	53	12.2	63	17	27.0
Union	188	13	6.9	27	10	37.0
Wallowa	55	1	1.8	13		
Wasco	210	11	5.2	37	4	10.8
Washington	1,636	231	14.1	229	57	24.9
Wheeler	6	-	-	4	-	-
Yamhill	383	29	7.6	37	12	32.4

TABLE 41. DEATHS OCCURRING IN OREGON BY COUNTY OF RESIDENCE AND DISPOSAL OF REMAINS, 1983

COUNTY OF RESIDENCE	TOTAL	BURIAL	CREMATION	MAUSOLEUM	REMOVAL	OTHER
Total	22,463	12,723	6,222	1,570	1,878	70
%	100.0	56.6	27.7	7.0	8.4	0.3
Baker	185	135	14	-	36	-
Benton	381	210	123	21	26	1
Clackamas	1,741	967	457	201	106	10
Clatsop	334	194	116	7	17	-
Columbia	248	181	48	4	15	-
Coos	612	366	205	15	26	-
Crook	138	104	27	2	5	-
Curry	160	75	69	-	15	1
Deschutes	477	257	166	18	35	1
Douglas	744	442	245	16	40	1
Gilliam	14	12	1	1	-	-
Grant	72	60	8	1	3	-
Harney	50	41	6	-	3	-
Hood River	141	77	43	10	11	-
Jackson	1,140	581	424	53	81	1
Jefferson	97	75	16	-	6	-
Josephine	572	265	215	17	74	1
Klamath	463	288	144	8	22	1
Lake	67	41	23	-	3	-
Lane	1,887	1,067	614	103	98	5
Lincoln	440	210	180	28	22	-
Linn	702	502	146	26	28	-
Malheur	197	133	4	-	59	1
Marion	1,825	1,161	447	114	95	8
Morrow	45	38	2	-	5	-
Multnomah	5,343	2,924	1,471	692	236	20
Polk	361	246	86	10	19	-
Sherman	17	12	4	-	1	-
Tillamook	218	124	76	10	7	1
Umatilla	423	304	17	10	90	2
Union	187	146	11	1	28	1
Wallowa	69	53	5	-	11	-
Wasco	201	129	46	8	18	-
Washington	1,560	859	447	139	105	10
Wheeler	18	15	3	-	-	-
Yamhill	440	289	89	48	14	-
Out-of-State	894	140	224	7	518	5

TABLE 42. DEATH BY SELECTED CAUSES WITH RATES FOR OREGON AND SELECTED CITIES, OREGON, 1983

SELECTED CAUSES OF DEATH	STATE AND CITIES							
	OREGON		PORTLAND		SALEM		EUGENE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL DEATHS, ALL CAUSES	22,361	848.6	4,290	1175.3	1,017	1121.0	751	728.4
Tuberculosis, All Forms (010-018)	19	.7	3	.8	0	0.0	0	0.0
Septicemia (038)	64	2.4	13	3.6	4	4.4	1	1.0
Viral Hepatitis (070)	9	.3	2	.5	0	0.0	0	0.0
Other Infective & Parasitic Diseases (Residual 001-139)	50	1.9	7	1.9	1	1.1	2	1.9
Malignant Neoplasms (140-280)	4,943	187.6	919	251.8	234	257.9	154	149.4
Of Buccal Cavity & Pharynx (140-149)	81	3.1	15	4.1	3	3.3	5	4.8
Of Digestive Organs & Peritoneum (150-159)	1,174	44.6	214	58.6	59	65.0	39	37.8
Of Resp. & Intrathoracic Organs (160-165)	1,414	53.7	258	70.7	62	68.3	37	35.9
Of Breast (174-175)	446	16.9	91	24.9	18	19.8	18	17.5
Of Genital Organs (179-187)	557	21.1	103	28.2	28	30.9	20	19.4
Of Urinary Organs (188-189)	227	8.6	36	9.9	7	7.7	5	4.8
Leukemia (204-208)	210	8.0	41	11.2	12	13.2	7	6.8
Benign Neoplasms (210-229)	19	.7	2	.5	1	1.1	1	1.0
In Situ, Uncertain Behavior, Unspecified Neoplasms (230-239)	35	1.3	4	1.1	0	0.0	1	1.0
Diabetes Mellitus (250)	329	12.5	43	11.8	14	15.4	12	11.6
Anemias (280-285)	31	1.2	10	2.7	1	1.1	2	1.9
Alcoholic Psychoses, Alcoholism (291, 303)	68	2.6	22	6.0	0	0.0	0	0.0
Drug Dependence (304)	1	.0	0	0.0	0	0.0	0	0.0
Meningitis (302-322)	16	.6	4	1.1	0	0.0	3	2.9
Parkinson's Disease (332)	75	2.8	15	4.1	3	3.3	2	1.9
Epilepsy (345)	21	.8	3	.8	3	3.3	1	1.0
Major Cardiovascular Diseases (390-448)	10,765	408.5	2,057	563.6	503	554.5	387	375.4
Diseases of the Heart (390-398, 402, 404-429)	7,922	300.6	1,458	399.5	369	406.7	286	277.4
Rheumatic Fever & Chronic Rheumatic Heart Disease (390-398)	86	3.3	16	4.4	4	4.4	7	6.8
Hypertensive Heart Disease with/without Renal Disease (402, 404)	194	7.4	32	8.8	12	13.2	8	7.8
Ischemic Heart Disease (410-414)	6,077	230.6	1,119	306.6	280	308.6	228	221.1
Myocardial Infarction (410)	2,365	89.8	398	109.0	105	115.7	78	75.7
Other Acute & Subacute Ischemic Heart Disease (411)	17	.6	3	.8	1	1.1	1	1.0
Chronic Ischemic Heart Disease (412-414)	3,695	140.2	718	196.7	174	191.8	149	144.5
All Other Forms (415-429	1,565	59.4	291	79.7	73	80.5	43	41.7
Hypertension (401, 403)	76	2.9	11	3.0	2	2.2	5	4.8
Cerebrovascular Disease (430-438)	2,021	76.7	426	116.7	96	105.8	76	73.7
Subarachnoid Hemorrhage (430)	75	2.8	13	3.6	5	5.5	2	1.9
Intracerebral & Intracranial Hemorrhages (431-432)	201	7.6	50	13.7	8	8.8	8	7.8
Cerebral Thrombosis & Embolism (434)	286	10.9	65	17.8	20	22.0	20	19.4
Acute but Ill-Defined Cerebrovascular Disease (436)	1,123	42.6	229	62.7	54	59.5	33	32.0
General Ischemic Cerebrovascular Disease (437)	264	10.0	52	14.2	7	7.7	10	9.7
Arteriosclerosis (440)	470	17.8	102	27.9	27	29.8	13	12.6
Other Diseases of Arteries, Arterioles & Capillaries (441-448)	276	10.5	60	16.4	9	9.9	7	6.8
Venous Thrombosis & Embolism (451-453)	23	.9	4	1.1	3	3.3	1	1.0
Pneumonia (480-486)	591	22.4	120	32.9	22	24.3	18	17.5
Influenza (487)	43	1.6	7	1.9	2	2.2	1	1.0
Bronchitis, Emphysema, Asthma, COPD (490-493, 496)	971	36.9	170	46.6	28	30.9	24	23.3
Peptic Ulcer (531-533)	79	3.0	17	4.7	2	2.2	1	1.0
Hernia & Intestinal Obst. (550-553.9, 560)	42	1.6	7	1.9	3	3.3	1	1.0
Cirrhosis of the Liver (571)	301	11.4	92	25.2	19	20.9	8	7.8
Alcoholic Cirrhosis (571.0-.3)	255	9.7	81	22.2	16	17.6	7	6.8
Diseases of the Gallbladder (574-576)	44	1.7	10	2.7	4	4.4	0	0.0
Diseases of the Pancreas (577)	30	1.1	6	1.6	1	1.1	2	1.9
Nephritis & Nephrosis (580-589)	148	5.6	36	9.9	6	6.6	4	3.9
Infections of the Kidney (590)	16	.6	4	1.1	0	0.0	0	0.0
Diseases of the Male Genital Organs (600-608)	6	.2	1	.3	1	1.1	0	0.0
Diseases of Uterus and Other Female Genital Organs (614-629)	3	.1	1	.3	0	0.0	0	0.0
Complications of Pregnancy, Childbirth and the Puerperium (630-676)	6	.2	1	.3	0	0.0	0	0.0
Congenital Anomalies (740-759)	156	5.9	24	6.6	8	8.8	10	9.7
Certain Causes of Mortality in Early Infancy (760-779)	148	5.6	35	9.6	5	5.5	5	4.8
Senility (797)	2	.1	0	0.0	0	0.0	0	0.0
Sudden Infant Death Syndrome (798.0)	97	3.7	20	5.5	5	5.5	3	2.9
All Other Natural Causes	1,469	55.7	317	86.8	75	82.7	57	55.3
Accidents (800-949)	1,156	43.9	191	52.3	38	41.9	31	30.1
Motor Vehicle (810-825)	587	22.3	78	21.4	17	18.7	18	17.5
Suicide (950-959)	417	15.8	79	21.6	24	26.5	15	14.5
Homicide (960-978)	112	4.3	31	8.5	6	6.6	2	1.9
Injuries Undetermined Whether Accidentally or Purposely Inflicted (980-989)	56	2.1	13	3.6	1	1.1	2	1.9

Death rates per 100,000 population

TABLE 43. DEATH BY SELECTED CAUSES WITH RATES BY COUNTY OF RESIDENCE, OREGON, 1983

SELECTED CAUSES OF DEATH	COUNTY OF RESIDENCE							
	BAKER		BENTON		CLACKAMAS		CLATSOP	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL DEATHS, ALL CAUSES	206	1275.5	387	568.3	1782	731.5	351	1071.8
Tuberculosis, All Forms (010-018)	0	0.0	0	0.0	0	0.0	1	3.1
Septicemia (038)	3	18.6	2	2.9	8	3.3	0	0.0
Viral Hepatitis (070)	0	0.0	0	0.0	1	.4	0	0.0
Other Infective & Parasitic Diseases (Residual 001-139)	1	6.2	0	0.0	4	1.6	1	3.1
Malignant Neoplasms (140-280)	42	260.1	69	101.3	397	163.0	70	213.7
Of Buccal Cavity & Pharynx (140-149)	1	6.2	0	0.0	10	4.1	0	0.0
Of Digestive Organs & Peritoneum (150-159)	9	55.7	15	22.0	100	41.1	13	39.7
Of Resp. & Intrathoracic Organs (160-165)	11	68.1	24	35.2	103	42.3	21	64.1
Of Breast (174-175)	3	18.6	5	7.3	40	16.4	6	18.3
Of Genital Organs (179-187)	2	12.4	7	10.3	41	16.8	10	30.5
Of Urinary Organs (188-189)	2	12.4	4	5.9	20	8.2	1	3.1
Leukemia (204-208)	3	18.6	5	7.3	17	7.0	5	15.3
Benign Neoplasms (210-229)	1	6.2	0	0.0	1	.4	1	3.1
In Situ, Uncertain Behavior, Unspecified Neoplasms (230-239)	0	0.0	1	1.5	4	1.6	0	0.0
Diabetes Mellitus (250)	3	18.6	3	4.4	24	9.9	4	12.2
Anemias (280-285)	0	0.0	0	0.0	3	1.2	0	0.0
Alcoholic Psychoses, Alcoholism (291, 303)	0	0.0	1	1.5	8	3.3	2	6.1
Drug Dependence (304)	0	0.0	0	0.0	0	0.0	0	0.0
Meningitis (302-322)	0	0.0	0	0.0	1	.4	0	0.0
Parkinson's Disease (332)	0	0.0	5	7.3	1	.4	1	3.1
Epilepsy (345)	0	0.0	0	0.0	0	0.0	0	0.0
Major Cardiovascular Diseases (390-448)	101	625.4	211	309.8	876	359.6	172	525.2
Diseases of the Heart (390-398, 402, 404-429)	72	445.8	154	226.1	666	273.4	114	348.1
Rheumatic Fever & Chronic Rheumatic Heart Disease (390-398)	1	6.2	3	4.4	8	3.3	1	3.1
Hypertensive Heart Disease with/without Renal Disease (402, 404)	2	12.4	6	8.8	26	10.7	4	12.2
Ischemic Heart Disease (410-414)	56	346.7	115	168.9	511	209.8	84	256.5
Myocardial Infarction (410)	21	130.0	30	44.1	166	68.1	33	100.8
Other Acute & Subacute Ischemic Heart Disease (411)	0	0.0	1	1.5	2	.8	0	0.0
Chronic Ischemic Heart Disease (412-414)	35	216.7	84	123.3	343	140.8	51	155.7
All Other Forms (415-429	13	80.5	30	44.1	121	49.7	25	76.3
Hypertension (401, 403)	2	12.4	1	1.5	5	2.1	0	0.0
Cerebrovascular Disease (430-438)	22	136.2	36	52.9	141	57.9	38	116.0
Subarachnoid Hemorrhage (430)	1	6.2	0	0.0	5	2.1	3	9.2
Intracerebral & Intracranial Hemorrhage (431-432)	0	0.0	5	7.3	19	7.8	1	3.1
Cerebral Thrombosis & Embolism (434)	0	0.0	5	7.3	13	5.3	6	18.3
Acute but Ill-Defined Cerebrovascular Disease (436)	16	99.1	16	23.5	78	32.0	21	64.1
General Ischemic Cerebrovascular Disease (437)	4	24.8	10	14.7	18	7.4	7	21.4
Arteriosclerosis (440)	2	12.4	17	25.0	45	18.5	12	36.6
Other Diseases of Arteries, Arterioles & Capillaries (441-448)	3	18.6	3	4.4	19	7.8	8	24.4
Venous Thrombosis & Embolism (451-453)	0	0.0	1	1.5	1	.4	0	0.0
Pneumonia (480-486)	5	31.0	11	16.2	63	25.9	7	21.4
Influenza (487)	0	0.0	1	1.5	1	.4	1	3.1
Bronchitis, Emphysema, Asthma, COPD (490-493, 496)	11	68.1	16	23.5	76	31.2	16	48.9
Peptic Ulcer (531-533)	2	12.4	2	2.9	4	1.6	3	9.2
Hernia & Intestinal Obst. (550-553.9, 560)	0	0.0	1	1.5	4	1.6	1	3.1
Cirrhosis of the Liver (571)	3	18.6	2	2.9	9	3.7	6	18.3
Alcoholic Cirrhosis (571.0-.3)	2	12.4	1	1.5	8	3.3	4	12.2
Diseases of the Gallbladder (574-576)	0	0.0	1	1.5	2	.8	0	0.0
Diseases of the Pancreas (577)	0	0.0	1	1.5	1	.4	0	0.0
Nephritis & Nephrosis (580-589)	5	31.0	2	2.9	6	2.5	1	3.1
Infections of the Kidney (590)	0	0.0	0	0.0	1	.4	1	3.1
Diseases of the Male Genital Organs (600-608)	0	0.0	0	0.0	0	0.0	0	0.0
Diseases of Uterus and Other Female Genital Organs (614-629)	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth and the Puerperium (630-676)	0	0.0	0	0.0	0	0.0	0	0.0
Congenital Anomalies (740-759)	0	0.0	1	1.5	12	4.9	2	6.1
Certain Causes of Mortality in Early Infancy (760-779)	2	12.4	3	4.4	11	4.5	3	9.2
Senility (797)	0	0.0	0	0.0	0	0.0	0	0.0
Sudden Infant Death Syndrome (798.0)	0	0.0	1	1.5	10	4.1	1	3.1
All Other Natural Causes	11	68.1	20	29.4	99	40.6	35	106.9
Accidents (800-949)	9	55.7	20	29.4	102	41.9	14	42.7
Motor Vehicle (810-825)	1	6.2	8	11.7	53	21.8	9	27.5
Suicide (950-959)	5	31.0	9	13.2	32	13.1	7	21.4
Homicide (960-978)	1	6.2	2	2.9	12	4.9	1	3.1
Injuries Undetermined Whether Accidentally or Purposely Inflicted (980-989)	1	6.2	1	1.5	8	3.3	0	0.0

Death rates per 100,000 population

TABLE 43. DEATH BY SELECTED CAUSES WITH RATES BY COUNTY OF RESIDENCE, OREGON, 1983

SELECTED CAUSES OF DEATH	COUNTY OF RESIDENCE							
	COLUMBIA		COOS		CROOK		CURRY	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL DEATHS, ALL CAUSES	302	838.9	620	966.5	138	1065.6	177	1017.2
Tuberculosis, All Forms (010-018)	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia (038)	0	0.0	2	3.1	0	0.0	0	0.0
Viral Hepatitis (070)	0	0.0	0	0.0	0	0.0	0	0.0
Other Infective & Parasitic Diseases (Residual 001-139)	1	2.8	2	3.1	0	0.0	0	0.0
Malignant Neoplasms (140-280)	74	205.6	151	235.4	30	231.7	50	287.4
Of Buccal Cavity & Pharynx (140-149)	0	0.0	1	1.6	0	0.0	1	5.7
Of Digestive Organs & Peritoneum (150-159)	17	47.2	35	54.6	5	38.6	9	51.7
Of Resp. & Intrathoracic Organs (160-165)	25	69.4	47	73.3	10	77.2	20	114.9
Of Breast (174-175)	10	27.8	18	28.1	3	23.2	2	11.5
Of Genital Organs (179-187)	8	22.2	14	21.8	3	23.2	6	34.5
Of Urinary Organs (188-189)	1	2.8	11	17.1	4	30.9	1	5.7
Leukemia (204-208)	1	2.8	8	12.5	0	0.0	4	23.0
Benign Neoplasms (210-229)	1	2.8	0	0.0	0	0.0	0	0.0
In Situ, Uncertain Behavior, Unspecified Neoplasms (230-239)	0	0.0	1	1.6	0	0.0	0	0.0
Diabetes Mellitus (250)	9	25.0	17	26.5	1	7.7	3	17.2
Anemias (280-285)	0	0.0	1	1.6	0	0.0	0	0.0
Alcoholic Psychoses, Alcoholism (291, 303)	2	5.6	3	4.7	1	7.7	0	0.0
Drug Dependence (304)	0	0.0	0	0.0	0	0.0	0	0.0
Meningitis (302-322)	0	0.0	0	0.0	0	0.0	0	0.0
Parkinson's Disease (332)	1	2.8	3	4.7	0	0.0	0	0.0
Epilepsy (345)	0	0.0	0	0.0	0	0.0	0	0.0
Major Cardiovascular Diseases (390-448)	126	350.0	266	414.7	71	548.3	76	436.8
Diseases of the Heart (390-398, 402, 404-429)	95	263.9	202	314.9	52	401.5	67	385.1
Rheumatic Fever & Chronic Rheumatic Heart Disease (390-398)	2	5.6	1	1.6	0	0.0	0	0.0
Hypertensive Heart Disease with/without Renal Disease (402, 404)	0	0.0	8	12.5	3	23.2	1	5.7
Ischemic Heart Disease (410-414)	72	200.0	162	252.5	40	308.9	46	264.4
Myocardial Infarction (410)	31	86.1	65	101.3	8	61.8	21	120.7
Other Acute & Subacute Ischemic Heart Disease (411)	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Ischemic Heart Disease (412-414)	41	113.9	97	151.2	32	247.1	25	143.7
All Other Forms (415-429	21	58.3	31	48.3	9	69.5	20	114.9
Hypertension (401, 403)	1	2.8	1	1.6	1	7.7	0	0.0
Cerebrovascular Disease (430-438)	21	58.3	47	73.3	6	46.3	7	40.2
Subarachnoid Hemorrhage (430)	2	5.6	2	3.1	1	7.7	1	5.7
Intracerebral & Intracranial Hemorrhages (431-432)	2	5.6	4	6.2	1	7.7	0	0.0
Cerebral Thrombosis & Embolism (434)	2	5.6	14	21.8	0	0.0	1	5.7
Acute but Ill-Defined Cerebrovascular Disease (436)	12	33.3	19	29.6	4	30.9	4	23.0
General Ischemic Cerebrovascular Disease (437)	2	5.6	6	9.4	0	0.0	0	0.0
Arteriosclerosis (440)	6	16.7	9	14.0	7	54.1	0	0.0
Other Diseases of Arteries, Arterioles & Capillaries (441-448)	3	8.3	7	10.9	5	38.6	2	11.5
Venous Thrombosis & Embolism (451-453)	1	2.8	0	0.0	0	0.0	0	0.0
Pneumonia (480-486)	6	16.7	16	24.9	10	77.2	3	17.2
Influenza (487)	0	0.0	4	6.2	0	0.0	0	0.0
Bronchitis, Emphysema, Asthma, COPD (490-493, 496)	9	25.0	31	48.3	5	38.6	9	51.7
Peptic Ulcer (531-533)	0	0.0	1	1.6	0	0.0	0	0.0
Hernia & Intestinal Obst. (550-553.9, 560)	0	0.0	4	6.2	0	0.0	0	0.0
Cirrhosis of the Liver (571)	4	11.1	8	12.5	2	15.4	2	11.5
Alcoholic Cirrhosis (571.0-.3)	4	11.1	8	12.5	2	15.4	2	11.5
Diseases of the Gallbladder (574-576)	0	0.0	1	1.6	0	0.0	1	5.7
Diseases of the Pancreas (577)	0	0.0	1	1.6	0	0.0	0	0.0
Nephritis & Nephrosis (580-589)	1	2.8	4	6.2	2	15.4	3	17.2
Infections of the Kidney (590)	0	0.0	0	0.0	0	0.0	0	0.0
Diseases of the Male Genital Organs (600-608)	0	0.0	0	0.0	0	0.0	1	5.7
Diseases of Uterus and Other Female Genital Organs (614-629)	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth and the Puerperium (630-676)	0	0.0	0	0.0	0	0.0	0	0.0
Congenital Anomalies (740-759)	4	11.1	6	9.4	0	0.0	1	5.7
Certain Causes of Mortality in Early Infancy (760-779)	1	2.8	4	6.2	0	0.0	1	5.7
Senility (797)	0	0.0	1	1.6	0	0.0	0	0.0
Sudden Infant Death Syndrome (798.0)	2	5.6	2	3.1	0	0.0	0	0.0
All Other Natural Causes	19	52.8	47	73.3	2	15.4	12	69.0
Accidents (800-949)	32	88.9	28	43.6	12	92.7	11	63.2
Motor Vehicle (810-825)	20	55.6	9	14.0	6	46.3	4	23.0
Suicide (950-959)	8	22.2	9	14.0	1	7.7	3	17.2
Homicide (960-978)	0	0.0	6	9.4	0	0.0	0	0.0
Injuries Undetermined Whether Accidentally or Purposely Inflicted (980-989)	1	2.8	1	1.6	1	7.7	1	5.7

Death rates per 100,000 population

TABLE 43. DEATH BY SELECTED CAUSES WITH RATES BY COUNTY OF RESIDENCE, OREGON, 1983

SELECTED CAUSES OF DEATH	COUNTY OF RESIDENCE							
	DESCHUTES		DOUGLAS		G LIAM		GRANT	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL DEATHS, ALL CAUSES	490	774.1	763	844.0	14	710.7	77	962.5
Tuberculosis, All Forms (010-018)	0	0.0	1	1.1	0	0.0	0	0.0
Septicemia (038)	2	3.2	1	1.1	0	0.0	0	0.0
Viral Hepatitis (070)	0	0.0	1	1.1	0	0.0	0	0.0
Other Infective & Parasitic Diseases (Residual 001-139)	1	1.6	1	1.1	0	0.0	0	0.0
Malignant Neoplasms (140-280)	120	189.6	192	212.4	2	101.5	12	150.0
Of Buccal Cavity & Pharynx (140-149)	3	4.7	6	6.6	0	0.0	0	0.0
Of Digestive Organs & Peritoneum (150-159)	28	44.2	42	46.5	1	50.8	3	37.5
Of Resp. & Intrathoracic Organs (160-165)	37	58.5	58	64.2	0	0.0	4	50.0
Of Breast (174-175)	9	14.2	15	16.6	0	0.0	1	12.5
Of Genital Organs (179-187)	8	12.6	24	26.5	0	0.0	0	0.0
Of Urinary Organs (188-189)	5	7.9	13	14.4	0	0.0	0	0.0
Leukemia (204-208)	6	9.5	8	8.8	1	50.8	2	25.0
Benign Neoplasms (210-229)	1	1.6	1	1.1	0	0.0	0	0.0
In Situ, Uncertain Behavior, Unspecified Neoplasms (230-239)	0	0.0	0	0.0	0	0.0	1	12.5
Diabetes Mellitus (250)	7	11.1	21	23.2	0	0.0	0	0.0
Anemias (280-285)	1	1.6	0	0.0	0	0.0	0	0.0
Alcoholic Psychoses, Alcoholism (291, 303)	1	1.6	0	0.0	0	0.0	0	0.0
Drug Dependence (304)	0	0.0	0	0.0	0	0.0	0	0.0
Meningitis (302-322)	0	0.0	1	1.1	0	0.0	0	0.0
Parkinson's Disease (332)	2	3.2	2	2.2	0	0.0	2	25.0
Epilepsy (345)	1	1.6	0	0.0	1	50.8	0	0.0
Major Cardiovascular Diseases (390-448)	226	357.0	323	357.3	8	406.1	40	500.0
Diseases of the Heart (390-398, 402, 404-429)	162	255.9	247	273.2	7	355.3	34	425.0
Rheumatic Fever & Chronic Rheumatic Heart Disease (390-398)	0	0.0	1	1.1	0	0.0	0	0.0
Hypertensive Heart Disease with/without Renal Disease (402, 404)	2	3.2	2	2.2	0	0.0	2	25.0
Ischemic Heart Disease (410-414)	122	192.7	148	163.7	7	355.3	24	300.0
Myocardial Infarction (410)	66	104.3	67	74.1	4	203.0	7	87.5
Other Acute & Subacute Ischemic Heart Disease (411)	0	0.0	1	1.1	0	0.0	1	12.5
Chronic Ischemic Heart Disease (412-414)	56	88.5	80	88.5	3	152.3	16	200.0
All Other Forms (415-429	38	60.0	96	106.2	0	0.0	8	100.0
Hypertension (401, 403)	2	3.2	0	0.0	0	0.0	0	0.0
Cerebrovascular Disease (430-438)	40	63.2	56	61.9	1	50.8	5	62.5
Subarachnoid Hemorrhage (430)	1	1.6	0	0.0	0	0.0	1	12.5
Intracerebral & Intracranial Hemorrhages (431-432)	4	6.3	5	5.5	0	0.0	0	0.0
Cerebral Thrombosis & Embolism (434)	1	1.6	7	7.7	0	0.0	1	12.5
Acute but Ill-Defined Cerebrovascular Disease (436)	26	41.1	41	45.4	1	50.8	0	0.0
General Ischemic Cerebrovascular Disease (437)	6	9.5	1	1.1	0	0.0	3	37.5
Arteriosclerosis (440)	15	23.7	9	10.0	0	0.0	1	12.5
Other Diseases of Arteries, Arterioles & Capillaries (441-448)	7	11.1	11	12.2	0	0.0	0	0.0
Venous Thrombosis & Embolism (451-453)	0	0.0	1	1.1	0	0.0	0	0.0
Pneumonia (480-486)	10	15.8	21	23.2	0	0.0	0	0.0
Influenza (487)	1	1.6	2	2.2	0	0.0	1	12.5
Bronchitis, Emphysema, Asthma, COPD (490-493, 496)	23	36.3	45	49.8	1	50.8	2	25.0
Peptic Ulcer (531-533)	4	6.3	3	3.3	0	0.0	0	0.0
Hernia & Intestinal Obst. (550-553.9, 560)	1	1.6	1	1.1	0	0.0	0	0.0
Cirrhosis of the Liver (571)	7	11.1	11	12.2	0	0.0	0	0.0
Alcoholic Cirrhosis (571.0-.3)	7	11.1	11	12.2	0	0.0	0	0.0
Diseases of the Gallbladder (574-576)	2	3.2	0	0.0	0	0.0	0	0.0
Diseases of the Pancreas (577)	1	1.6	2	2.2	0	0.0	0	0.0
Nephritis & Nephrosis (580-589)	2	3.2	6	6.6	0	0.0	0	0.0
Infections of the Kidney (590)	0	0.0	0	0.0	0	0.0	0	0.0
Diseases of the Male Genital Organs (600-608)	0	0.0	1	1.1	0	0.0	0	0.0
Diseases of Uterus and Other Female Genital Organs (614-629)	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth and the Puerperium (630-676)	0	0.0	0	0.0	0	0.0	0	0.0
Congenital Anomalies (740-759)	1	1.6	6	6.6	0	0.0	0	0.0
Certain Causes of Mortality in Early Infancy (760-779)	4	6.3	2	2.2	0	0.0	1	12.5
Senility (797)	0	0.0	0	0.0	0	0.0	0	0.0
Sudden Infant Death Syndrome (798.0)	1	1.6	5	5.5	0	0.0	0	0.0
All Other Natural Causes	27	42.7	50	55.3	2	101.5	5	62.5
Accidents (800-949)	32	50.6	46	50.9	0	0.0	8	100.0
Motor Vehicle (810-825)	16	25.3	21	23.2	0	0.0	5	62.5
Suicide (950-959)	10	15.8	11	12.2	0	0.0	5	62.5
Homicide (960-978)	0	0.0	3	3.3	0	0.0	0	0.0
Injuries Undetermined Whether Accidentally or Purposely Inflicted (980-989)	2	3.2	3	3.3	0	0.0	0	0.0

Death rates per 100,000 population

TABLE 43. DEATH BY SELECTED CAUSES WITH RATES BY COUNTY OF RESIDENCE, OREGON, 1983

SELECTED CAUSES OF DEATH	COUNTY OF RESIDENCE							
	HARNEY		HOOD RIVER		JACKSON		JEFFERSON	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL DEATHS, ALL CAUSES	52	717.2	143	882.7	1180	884.9	99	821.6
Tuberculosis, All Forms (010-018)	0	0.0	1	6.2	2	1.5	0	0.0
Septicemia (038)	0	0.0	0	0.0	4	3.0	0	0.0
Viral Hepatitis (070)	0	0.0	0	0.0	0	0.0	1	8.3
Other Infective & Parasitic Diseases (Residual 001-139)	0	0.0	0	0.0	1	.7	0	0.0
Malignant Neoplasms (140-280)	8	110.3	30	185.2	282	211.5	19	157.7
Of Buccal Cavity & Pharynx (140-149)	0	0.0	1	6.2	5	3.7	0	0.0
Of Digestive Organs & Peritoneum (150-159)	1	13.8	5	30.9	77	57.7	5	41.5
Of Resp. & Intrathoracic Organs (160-165)	4	55.2	9	55.6	86	64.5	6	49.8
Of Breast (174-175)	1	13.8	1	6.2	28	21.0	0	0.0
Of Genital Organs (179-187)	1	13.8	4	24.7	29	21.7	3	24.9
Of Urinary Organs (188-189)	0	0.0	1	6.2	10	7.5	0	0.0
Leukemia (204-208)	0	0.0	1	6.2	9	6.7	0	0.0
Benign Neoplasms (210-229)	0	0.0	0	0.0	1	.7	0	0.0
In Situ, Uncertain Behavior, Unspecified Neoplasms (230-239)	0	0.0	2	12.3	1	.7	0	0.0
Diabetes Mellitus (250)	0	0.0	0	0.0	14	10.5	1	8.3
Anemias (280-285)	0	0.0	0	0.0	1	.7	0	0.0
Alcoholic Psychoses, Alcoholism (291, 303)	0	0.0	0	0.0	2	1.5	1	8.3
Drug Dependence (304)	0	0.0	0	0.0	0	0.0	0	0.0
Meningitis (302-322)	1	13.8	0	0.0	2	1.5	0	0.0
Parkinson's Disease (332)	0	0.0	1	6.2	4	3.0	0	0.0
Epilepsy (345)	0	0.0	0	0.0	0	0.0	1	8.3
Major Cardiovascular Diseases (390-448)	26	358.6	77	475.3	560	419.9	42	348.5
Diseases of the Heart (390-398, 402, 404-429)	19	262.1	45	277.8	423	317.2	29	240.7
Rheumatic Fever & Chronic Rheumatic Heart Disease (390-398)	1	13.8	2	12.3	4	3.0	0	0.0
Hypertensive Heart Disease with/without Renal Disease (402, 404)	0	0.0	2	12.3	6	4.5	0	0.0
Ischemic Heart Disease (410-414)	15	206.9	34	209.9	310	232.5	23	190.9
Myocardial Infarction (410)	7	96.6	16	98.8	128	96.0	9	74.7
Other Acute & Subacute Ischemic Heart Disease (411)	0	0.0	0	0.0	2	1.5	0	0.0
Chronic Ischemic Heart Disease (412-414)	8	110.3	18	111.1	180	135.0	14	116.2
All Other Forms (415-429	3	41.4	7	43.2	103	77.2	6	49.8
Hypertension (401, 403)	0	0.0	0	0.0	2	1.5	0	0.0
Cerebrovascular Disease (430-438)	5	69.0	17	104.9	111	83.2	7	58.1
Subarachnoid Hemorrhage (430)	0	0.0	0	0.0	4	3.0	0	0.0
Intracerebral & Intracranial Hemorrhages (431-432)	2	27.6	2	12.3	8	6.0	0	0.0
Cerebral Thrombosis & Embolism (434)	0	0.0	1	6.2	10	7.5	0	0.0
Acute but Ill-Defined Cerebrovascular Disease (436)	1	13.8	11	67.9	73	54.7	6	49.8
General Ischemic Cerebrovascular Disease (437)	2	27.6	3	18.5	10	7.5	1	8.3
Arteriosclerosis (440)	2	27.6	10	61.7	13	9.7	4	33.2
Other Diseases of Arteries, Arterioles & Capillaries (441-448)	0	0.0	5	30.9	1	8.2	2	16.6
Venous Thrombosis & Embolism (451-453)	0	0.0	0	0.0	1	.7	0	0.0
Pneumonia (480-486)	1	13.8	2	12.3	38	28.5	3	24.9
Influenza (487)	0	0.0	1	6.2	1	.7	0	0.0
Bronchitis, Emphysema, Asthma, COPD (490-493, 496)	2	27.6	5	30.9	55	41.2	7	58.1
Peptic Ulcer (531-533)	1	13.8	2	12.3	3	2.2	0	0.0
Hernia & Intestinal Obst. (550-553.9, 560)	0	0.0	1	6.2	1	.7	1	8.3
Cirrhosis of the Liver (571)	0	0.0	2	12.3	9	6.7	2	16.6
Alcoholic Cirrhosis (571.0-.3)	0	0.0	2	12.3	9	6.7	2	16.6
Diseases of the Gallbladder (574-576)	0	0.0	0	0.0	4	3.0	0	0.0
Diseases of the Pancreas (577)	0	0.0	0	0.0	2	1.5	0	0.0
Nephritis & Nephrosis (580-589)	1	13.8	0	0.0	6	4.5	2	16.6
Infections of the Kidney (590)	0	0.0	0	0.0	0	0.0	0	0.0
Diseases of the Male Genital Organs (600-608)	0	0.0	0	0.0	0	0.0	0	0.0
Diseases of Uterus and Other Female Genital Organs (614-629)	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth and the Puerperium (630-676)	0	0.0	0	0.0	0	0.0	0	0.0
Congenital Anomalies (740-759)	0	0.0	2	12.3	11	8.2	0	0.0
Certain Causes of Mortality in Early Infancy (760-779)	0	0.0	1	6.2	5	3.7	0	0.0
Senility (797)	0	0.0	0	0.0	0	0.0	0	0.0
Sudden Infant Death Syndrome (798.0)	0	0.0	1	6.2	2	1.5	1	8.3
All Other Natural Causes	3	41.4	9	55.6	86	64.5	1	8.3
Accidents (800-949)	7	96.6	5	30.9	56	42.0	2	99.6
Motor Vehicle (810-825)	5	69.0	2	12.3	26	19.5	7	58.1
Suicide (950-959)	0	0.0	1	6.2	25	18.7	3	24.9
Homicide (960-978)	2	27.6	0	0.0	1	.7	1	8.3
Injuries Undetermined Whether Accidentally or Purposely Inflicted (980-989)	0	0.0	0	0.0	0	0.0	1	8.3

Death rates per 100,000 population

TABLE 43. DEATH BY SELECTED CAUSES WITH RATES BY COUNTY OF RESIDENCE, OREGON, 1983

SELECTED CAUSES OF DEATH	COUNTY OF RESIDENCE							
	JOSEPHINE		KLAMATH		LAKE		LANE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL DEATHS, ALL CAUSES	594	1002.5	479	820.9	70	933.3	1936	722.7
Tuberculosis, All Forms (010-018)	1	1.7	0	0.0	0	0.0	2	.7
Septicemia (038)	0	0.0	1	1.7	1	13.3	4.	1.5
Viral Hepatitis (070)	0.0	0.0	1	1.7	0	0.0	1	.4
Other Infective & Parasitic Diseases (Residual 001-139)	3	5.1	1	1.7	0	0.0	4	1.5
Malignant Neoplasms (140-280)	122	205.9	94	161.1	15	200.0	430	160.5
Of Buccal Cavity & Pharynx (140-149)	1	1.7	0	0.0	1	13.3	15	5.6
Of Digestive Organs & Peritoneum (150-159)	33	55.7	25	42.8	2	26.7	109	40.7
Of Resp. & Intrathoracic Organs (160-165).	30	50.6	26	44.6	7	93.3	116	43.3
Of Breast (174-175)	14	23.6	8	13.7	0	0.0	39	14.6
Of Genital Organs (179-187)	19	32.1	7	12.0	3	40.0	46	17.2
Of Urinary Organs (188-189)	5	8.4	5	8.6	1	13.3	19	7.1
Leukemia (204-208)	3	5.1	2	3.4	0	0.0	19	7.1
Benign Neoplasms (210-229)	0	0.0	0	0.0	0	0.0	2	.7
In Situ, Uncertain Behavior, Unspecified Neoplasms (230-239)	0	0.0	1	1.7	0	0.0	7	2.6
Diabetes Mellitus (250)	14	23.6	9	15.4	1	13.3	25	9.3
Anemias (280-285)	0	0.0	0	0.0	0	0.0	5	1.9
Alcoholic Psychoses, Alcoholism (291, 303)	0	0.0	4	6.9	1	13.3	1	.4
Drug Dependence (304)	1	1.7	0	0.0	0	0.0	0	0.0
Meningitis (302-322)	1	1.7	0	0.0	0	0.0	3	1.1
Parkinson's Disease (332)	6	10.1	1	1.7	0	0.0	6	2.2
Epilepsy (345)	0	0.0	1	1.7	0	0.0	2	.7
Major Cardiovascular Diseases (390-448)	301	508.0	239	409.6	39	520.0	937	349.8
Diseases of the Heart (390-398, 402, 404-429)	211	356.1	171	293.1	29	386.7	678	253.1
Rheumatic Fever & Chronic Rheumatic Heart Disease (390-398)	0	0.0	0	0.0	0	0.0	10	3.7
Hypertensive Heart Disease with/without Renal Disease (402, 404)	6	10.1	2	3.4	1	13.3	15	5.6
Ischemic Heart Disease (410-414)	171	288.6	130	222.8	19	253.3	542	202.3
Myocardial Infarction (410)	74	124.9	72	123.4	9	120.0	219	81.7
Other Acute & Subacute Ischemic Heart Disease (411)	0	0.0	0	0.0	0	0.0	2	.7
Chronic Ischemic Heart Disease (412-414)	97	163.7	58	99.4	10	133.3	321	119.8
All Other Forms (415-429	34	57.4	39	66.8	9	120.0	111	41.4
Hypertension (401, 403)	10	16.9	1	1.7	0	0.0	9	3.4
Cerebrovascular Disease (430-438)	56	94.5	50	85.7	7	93.3	183	68.3
Subarachnoid Hemorrhage (430)	2	3.4	1	1.7	1	13.3	9	3.4
Intracerebral & Intracranial Hemorrhages (431-432)	9	15.2	3	5.1	1	13.3	21	7.8
Cerebral Thrombosis & Embolism (434)	7	11.8	7	12.0	0	0.0	32	11.9
Acute but Ill-Defined Cerebrovascular Disease (436)	24	40.5	30	51.4	3	40.0	84	31.4
General Ischemic Cerebrovascular Disease (437)	14	23.6	5	8.6	2	26.7	29	10.8
Arteriosclerosis (440)	20	33.8	9	15.4	1	13.3	45	16.8
Other Diseases of Arteries, Arterioles & Capillaries (441-448)	4	6.8	8	13.7	2	26.7	22	8.2
Venous Thrombosis & Embolism (451-453)	0	0.0	0	0.0	0	0.0	3	1.1
Pneumonia (480-486)	8	13.5	14	24.0	3	40.0	48	17.9
Influenza (487)	2	3.4	2	3.4	0	0.0	1	.4
Bronchitis, Emphysema, Asthma, COPD (490-493, 496)	30	50.6	15	25.7	3	40.0	79	29.5
Peptic Ulcer (531-533)	1	1.7	4	6.9	0	0.0	6	2.2
Hernia & Intestinal Obst. (550-553.9, 560)	1	1.7	0	0.0	0	0.0	3	1.1
Cirrhosis of the Liver (571)	9	15.2	5	8.6	0	0.0	23	8.6
Alcoholic Cirrhosis (571.0-.3)	6	10.1	4	6.9	0	0.0	17	6.3
Diseases of the Gallbladder (574-576)	1	1.7	2	3.4	0	0.0	3	1.1
Diseases of the Pancreas (577)	1	1.7	1	1.7	0	0.0	3	1.1
Nephritis & Nephrosis (580-589)	4	6.8	6	10.3	0	0.0	9	3.4
Infections of the Kidney (590)	0	0.0	0	0.0	0	0.0	0	0.0
Diseases of the Male Genital Organs (600-608)	0	0.0	0	0.0	0	0.0	0	0.0
Diseases of Uterus and Other Female Genital Organs (614-629)	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth and the Puerperium (630-676)	0	0.0	0	0.0	0	0.0	0	0.0
Congenital Anomalies (740-759)	3	5.1	3	5.1	0	0.0	16	6.0
Certain Causes of Mortality in Early Infancy (760-779)	5	8.4	5	8.6	0	0.0	16	6.0
Senility (797)	0	0.0	0	0.0	0	0.0	0	0.0
Sudden Infant Death Syndrome (798.0)	1	1.7	1	1.7	0	0.0	9	3.4
All Other Natural Causes	40	67.5	20	34.3	2	26.7	127	47.4
Accidents (800-949)	29	48.9	30	51.4	5	66.7	112	41.8
Motor Vehicle (810-825)	12	20.3	13	22.3	3	40.0	71	26.5
Suicide (950-959)	5	8.4	15	25.7	0	0.0	38	14.2
Homicide (960-978)	3	5.1	4	6.9	0	0.0	8	3.0
Injuries Undetermined Whether Accidentally or Purposely Inflicted (980-989)	2	3.4	0	0.0	0	0.0	3	1.1

Death rates per 100,000 population

TABLE 43. DEATH BY SELECTED CAUSES WITH RATES BY COUNTY OF RESIDENCE, OREGON, 1983

SELECTED CAUSES OF DEATH	COUNTY OF RESIDENCE							
	LINCOLN		LINN		MALHEUR		MARION	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL DEATHS, ALL CAUSES	450	1224.5	715	80.2	241	892.6	1863	904.8
Tuberculosis, All Forms (010-018)	0	0.0	1	1.1	0	0.0	0	0.0
Septicemia (038)	1	2.7	4	4.5	0	0.0	5	2.4
Viral Hepatitis (070)	0	0.0	1	1.1	0	0.0	0	0.0
Other Infective & Parasitic Diseases (Residual 001-139)	3	8.2	3	3.4	2	7.4	3	1.5
Malignant Neoplasms (140-280)	101	274.8	172	192.5	41	151.9	411	199.6
Of Buccal Cavity & Pharynx (140-149)	2	5.4	1	1.1	0	0.0	6	2.9
Of Digestive Organs & Peritoneum (150-159)	19	51.7	32	35.8	7	25.9	98	47.6
Of Resp. & Intrathoracic Organs (160-165)	34	92.5	52	58.2	13	48.1	106	51.5
Of Breast (174-175)	10	27.2	13	14.5	2	7.4	31	15.1
Of Genital Organs (179-187)	14	38.1	22	24.6	5	18.5	48	23.3
Of Urinary Organs (188-189)	7	19.0	7	7.8	2	7.4	19	9.2
Leukemia (204-208)	3	8.2	4	4.5	1	3.7	20	9.7
Benign Neoplasms (210-229)	0	0.0	0	0.0	0	0.0	2	1.0
In Situ, Uncertain Behavior, Unspecified Neoplasms (230-239)	1	2.7	3	3.4	0	0.0	2	1.0
Diabetes Mellitus (250)	9	24.5	14	15.7	9	33.3	29	14.1
Anemias (280-285)	1	2.7	0	0.0	0	0.0	4	1.9
Alcoholic Psychoses, Alcoholism (291, 303)	2	5.4	3	3.4	0	0.0	1	.5
Drug Dependence (304)	0	0.0	0	0.0	0	0.0	0	0.0
Meningitis (302-322)	0	0.0	0	0.0	0	0.0	0	0.0
Parkinson's Disease (332)	1	2.7	1	1.1	2	7.4	6	2.9
Epilepsy (345)	1	2.7	0	0.0	2	7.4	4	1.9
Major Cardiovascular Diseases (390-448)	213	579.6	334	373.8	123	455.6	933	453.1
Diseases of the Heart (390-398, 402, 404-429)	165	449.0	247	276.4	89	329.6	692	336.1
Rheumatic Fever & Chronic Rheumatic Heart Disease (390-398)	4	10.9	5	5.6	1	3.7	10	4.9
Hypertensive Heart Disease with/without Renal Disease (402, 404)	5	13.6	2	2.2	4	14.8	23	11.2
Ischemic Heart Disease (410-414)	126	342.9	185	207.1	68	251.9	530	257.4
Myocardial Infarction (410)	57	155.1	84	94.0	19	70.4	202	98.1
Other Acute & Subacute Ischemic Heart Disease (411)	0	0.0	0	0.0	0	0.0	2	1.0
Chronic Ischemic Heart Disease (412-414)	69	187.8	101	113.0	49	181.5	326	158.3
All Other Forms (415-429	30	81.6	55	61.6	16	59.3	129	62.7
Hypertension (401, 403)	0	0.0	6	6.7	2	7.4	5	2.4
Cerebrovascular Disease (430-438)	34	92.5	68	76.1	23	85.2	177	86.0
Subarachnoid Hemorrhage (430)	2	5.4	0	0.0	1	3.7	7	3.4
Intracerebral & Intracranial Hemorrhages (431-432)	1	2.7	7	7.8	1	3.7	18	8.7
Cerebral Thrombosis & Embolism (434)	1	2.7	15	16.8	2	7.4	30	14.6
Acute but Ill-Defined Cerebrovascular Disease (436)	18	49.0	37	41.4	16	59.3	102	49.5
General Ischemic Cerebrovascular Disease (437)	11	29.9	6	6.7	2	7.4	15	7.3
Arteriosclerosis (440)	9	24.5	9	10.1	4	14.8	41	19.9
Other Diseases of Arteries, Arterioles & Capillaries (441-448)	5	13.6	4	4.5	5	18.5	18	8.7
Venous Thrombosis & Embolism (451-453)	1	2.7	0	0.0	0	0.0	3	1.5
Pneumonia (480-486)	13	35.4	25	28.0	6	22.2	41	19.9
Influenza (487)	0	0.0	1	1.1	1	3.7	2	1.0
Bronchitis, Emphysema, Asthma, COPD (490-493, 496)	17	46.3	38	42.5	11	40.7	64	31.1
Peptic Ulcer (531-533)	0	0.0	2	2.2	1	3.7	7	3.4
Hernia & Intestinal Obst. (550-553.9, 560)	1	2.7	2	2.2	1	3.7	3	1.5
Cirrhosis of the Liver (571)	8	21.8	7	7.8	2	7.4	23	11.2
Alcoholic Cirrhosis (571.0-.3)	6	16.3	6	6.7	2	7.4	20	9.7
Diseases of the Gallbladder (574-576)	0	0.0	0	0.0	0	0.0	8	3.9
Diseases of the Pancreas (577)	2	5.4	0	0.0	0	0.0	2	1.0
Nephritis & Nephrosis (580-589)	3	8.2	10	11.2	2	7.4	15	7.3
Infections of the Kidney (590)	0	0.0	1	1.1	0	0.0	2	1.0
Diseases of the Male Genital Organs (600-608)	1	2.7	0	0.0	0	0.0	1	.5
Diseases of Uterus and Other Female Genital Organs (614-629)	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth and the Puerperium (630-676)	1	2.7	0	0.0	0	0.0	0	0.0
Congenital Anomalies (740-759)	2	5.4	3	3.4	1	3.7	19	9.2
Certain Causes of Mortality in Early Infancy (760-779)	1	2.7	3	3.4	0	0.0	11	5.3
Senility (797)	0	0.0	0	0.0	0	0.0	0	0.0
Sudden Infant Death Syndrome (798.0)	2	5.4	4	4.5	2	7.4	12	5.8
All Other Natural Causes	34	92.5	35	39.2	11	40.7	113	54.9
Accidents (800-949)	20	54.4	35	39.2	12	44.4	84	40.8
Motor Vehicle (810-825)	10	27.2	21	23.5	5	18.5	45	21.9
Suicide (950-959)	10	27.2	13	14.5	9	33.3	42	20.4
Homicide (960-978)	1	2.7	0	0.0	3	11.1	7	3.4
Injuries Undetermined Whether Accidentally or Purposely Inflicted (980-989)	0	0.0	0	0.0	0	0.0	4	1.9

Death rates per 100,000 population

TABLE 43. DEATH BY SELECTED CAUSES WITH RATES BY COUNTY OF RESIDENCE, OREGON, 1983

SELECTED CAUSES OF DEATH	COUNTY OF RESIDENCE							
	MORROW		MULTNOMAH		POLK		SHERMAN	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL DEATHS, ALL CAUSES	53	728.5	5474	981.9	365	819.3	18	818.2
Tuberculosis, All Forms (010-018)	0	0.0	4	.7	0	0.0	0	0.0
Septicemia (038)	0	0.0	15	2.7	1	2.2	0	0.0
Viral Hepatitis (070)	0	0.0	2	.4	0	0.0	0	0.0
Other Infective & Parasitic Diseases (Residual 001-139)	0	0.0	8	1.4	3	6.7	0	0.0
Malignant Neoplasms (140-280)	17	233.7	1189	213.3	86	193.0	5	227.3
Of Buccal Cavity & Pharynx (140-149)	1	13.7	18	3.2	1	2.2	0	0.0
Of Digestive Organs & Peritoneum (150-159)	4	55.0	278	49.9	20	44.9	2	90.9
Of Resp. & Intrathoracic Organs (160-165).	6	82.5	345	61.9	20	44.9	0	0.0
Of Breast (174-175)	0	0.0	111	19.9	9	20.2	0	0.0
Of Genital Organs (179-187)	1	13.7	136	24.4	9	20.2	0	0.0
Of Urinary Organs (188-189)	1	13.7	50	9.0	3	6.7	1	45.5
Leukemia (204-208)	1	13.7	46	8.3	4	9.0	0	0.0
Benign Neoplasms (210-229)	0	0.0	5	.9	1	2.2	0	0.0
In Situ, Uncertain Behavior, Unspecified Neoplasms (230-239)	0	0.0	6	1.1	1	2.2	0	0.0
Diabetes Mellitus (250)	2	27.5	59	10.6	6	13.5	0	0.0
Anemias (280-285)	0	0.0	11	2.0	0	0.0	0	0.0
Alcoholic Psychoses, Alcoholism (291, 303)	0	0.0	27	4.8	0	0.0	0	0.0
Drug Dependence (304)	0	0.0	0	0.0	0	0.0	0	0.0
Meningitis (302-322)	0	0.0	4	.7	0	0.0	0	0.0
Parkinson's Disease (332)	0	0.0	18	3.2	1	2.2	0	0.0
Epilepsy (345)	0	0.0	4	.7	1	2.2	0	0.0
Major Cardiovascular Diseases (390-448)	21	288.7	2646	474.6	174	390.6	7	318.2
Diseases of the Heart (390-398, 402, 404-429)	17	233.7	1899	340.6	121	271.6	4	181.8
Rheumatic Fever & Chronic Rheumatic Heart Disease (390-398)	0	0.0	19	3.4	4	9.0	0	0.0
Hypertensive Heart Disease with/without Renal Disease (402, 404)	1	13.7	45	8.1	2	4.5	0	0.0
Ischemic Heart Disease (410-414)	12	164.9	1469	263.5	93	208.8	3	136.4
Myocardial Infarction (410)	4	55.0	533	95.6	30	67.3	1	45.5
Other Acute & Subacute Ischemic Heart Disease (411)	1	13.7	4	.7	0	0.0	0	0.0
Chronic Ischemic Heart Disease (412-414)	7	96.2	932	167.2	63	141.4	2	90.9
All Other Forms (415-429	4	55.0	366	65.7	22	49.4	1	45.5
Hypertension (401, 403)	0	0.0	15	2.7	1	2.2	0	0.0
Cerebrovascular Disease (430-438)	3	41.2	530	95.1	39	87.5	2	90.9
Subarachnoid Hemorrhage (430)	0	0.0	20	3.6	2	4.5	0	0.0
Intracerebral & Intracranial Hemorrhages (431-432)	0	0.0	56	10.0	5	11.2	0	0.0
Cerebral Thrombosis & Embolism (434)	1	13.7	84	15.1	6	13.5	0	0.0
Acute but Ill-Defined Cerebrovascular Disease (436)	2	27.5	287	51.5	25	56.1	1	45.5
General Ischemic Cerebrovascular Disease (437)	0	0.0	64	11.5	1	2.2	1	45.5
Arteriosclerosis (440)	1	13.7	127	22.8	7	15.7	1	45.5
Other Diseases of Arteries, Arterioles & Capillaries (441-448)	0	0.0	75	13.5	6	13.5	0	0.0
Venous Thrombosis & Embolism (451-453)	0	0.0	5	.9	2	4.5	0	0.0
Pneumonia (480-486)	1	13.7	152	27.3	3	6.7	1	45.5
Influenza (487)	0	0.0	10	1.8	0	0.0	0	0.0
Bronchitis, Emphysema, Asthma, COPD (490-493, 496)	0	0.0	225	40.4	14	31.4	2	90.9
Peptic Ulcer (531-533)	0	0.0	21	3.8	0	0.0	0	0.0
Hernia & Intestinal Obst. (550-553.9, 560)	0	0.0	10	1.8	0	0.0	0	0.0
Cirrhosis of the Liver (571)	0	0.0	107	19.2	4	9.0	0	0.0
Alcoholic Cirrhosis (571.0-.3)	0	0.0	93	16.7	4	9.0	0	0.0
Diseases of the Gallbladder (574-576)	0	0.0	12	2.2	1	2.2	0	0.0
Diseases of the Pancreas (577)	0	0.0	6	1.1	0	0.0	0	0.0
Nephritis & Nephrosis (580-589)	1	13.7	45	8.1	1	2.2	0	0.0
Infections of the Kidney (590)	0	0.0	4	.7	0	0.0	0	0.0
Diseases of the Male Genital Organs (600-608)	0	0.0	2	.4	0	0.0	0	0.0
Diseases of Uterus and Other Female Genital Organs (614-629)	0	0.0	1	.2	0	0.0	0	0.0
Complications of Pregnancy, Childbirth and the Puerperium (630-676)	0	0.0	1	.2	1	2.2	0	0.0
Congenital Anomalies (740-759)	0	0.0	32	5.7	4	9.0	0	0.0
Certain Causes of Mortality in Early Infancy (760-779)	1	13.7	39	7.0	4	9.0	0	0.0
Senility (797)	0	0.0	1	.2	0	0.0	0	0.0
Sudden Infant Death Syndrome (798.0)	0	0.0	25	4.5	1	2.2	0	0.0
All Other Natural Causes	4	55.0	390	70.0	38	85.3	1	45.5
Accidents (800-949)	6	82.5	232	41.6	10	22.4	2	90.9
Motor Vehicle (810-825)	5	68.7	103	18.5	2	4.5	2	90.9
Suicide (950-959)	0	0.0	99	17.8	7	15.7	0	0.0
Homicide (960-978)	0	0.0	39	7.0	0	0.0	0	0.0
Injuries Undetermined Whether Accidentally or Purposely Inflicted (980-989)	0	0.0	18	3.2	1	2.2	0	0.0

Death rates per 100,000 population

TABLE 43. DEATH BY SELECTED CAUSES WITH RATES BY COUNTY OF RESIDENCE, OREGON, 1983

SELECTED CAUSES OF DEATH	COUNTY OF RESIDENCE							
	TILLAMOOK		UMATILLA		UNION		WALLOWA	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL DEATHS, ALL CAUSES	224	1041.9	555	923.5	198	818.2	75	1023.2
Tuberculosis, All Forms (010-018)	2	9.3	0	0.0	0	0.0	0	0.0
Septicemia (038)	0	0.0	4	6.7	0	0.0	0	0.0
Viral Hepatitis (070)	0	0.0	0	0.0	0	0.0	0	0.0
Other Infective & Parasitic Diseases (Residual 001-139)	0	0.0	0	0.0	0	0.0	1	13.6
Malignant Neoplasms (140-280)	49	227.9	105	174.7	48	198.3	14	191.0
Of Buccal Cavity & Pharynx (140-149)	1	4.7	0	0.0	1	4.1	0	0.0
Of Digestive Organs & Peritoneum (150-159)	9	41.9	23	38.3	12	49.6	3	40.9
Of Resp. & Intrathoracic Organs (160-165)	18	83.7	32	53.2	9	37.2	5	68.2
Of Breast (174-175)	2	9.3	13	21.6	3	12.4	0	0.0
Of Genital Organs (179-187)	8	37.2	11	18.3	4	16.5	2	27.3
Of Urinary Organs (188-189)	4	18.6	3	5.0	4	16.5	3	40.9
Leukemia (204-208)	0	0.0	5	8.3	4	16.5	0	0.0
Benign Neoplasms (210-229)	0	0.0	1	1.7	0	0.0	0	0.0
In Situ, Uncertain Behavior, Unspecified Neoplasms (230-239)	1	4.7	1	1.7	0	0.0	0	0.0
Diabetes Mellitus (250)	1	4.7	6	10.0	3	12.4	1	13.6
Anemias (280-285)	0	0.0	0	0.0	0	0.0	0	0.0
Alcoholic Psychoses, Alcoholism (291, 303)	0	0.0	1	1.7	2	8.3	1	13.6
Drug Dependence (304)	0	0.0	0	0.0	0	0.0	0	0.0
Meningitis (302-322)	1	4.7	0	0.0	1	4.1	0	0.0
Parkinson's Disease (332)	0	0.0	1	1.7	2	8.3	0	0.0
Epilepsy (345)	1	4.7	0	0.0	1	4.1	0	0.0
Major Cardiovascular Diseases (390-448)	113	525.6	260	432.6	77	318.2	42	573.0
Diseases of the Heart (390-398, 402, 404-429)	88	409.3	197	327.8	54	223.1	37	504.8
Rheumatic Fever & Chronic Rheumatic Heart Disease (390-398)	1	4.7	1	1.7	1	4.1	0	0.0
Hypertensive Heart Disease with/without Renal Disease (402, 404)	0	0.0	3	5.0	0	0.0	0	0.0
Ischemic Heart Disease (410-414)	75	348.8	158	262.9	42	173.6	29	395.6
Myocardial Infarction (410)	26	120.9	78	129.8	16	66.1	7	95.5
Other Acute & Subacute Ischemic Heart Disease (411)	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Ischemic Heart Disease (412-414)	49	227.9	80	133.1	26	107.4	22	300.1
All Other Forms (415-429	12	55.8	35	58.2	11	45.5	8	109.1
Hypertension (401, 403)	1	4.7	1	1.7	2	8.3	0	0.0
Cerebrovascular Disease (430-438)	20	93.0	49	81.5	18	74.4	4	54.6
Subarachnoid Hemorrhage (430)	1	4.7	1	1.7	1	4.1	0	0.0
Intracerebral & Intracranial Hemorrhages (431-432)	2	9.3	5	8.3	0	0.0	0	0.0
Cerebral Thrombosis & Embolism (434)	1	4.7	8	13.3	1	4.1	2	27.3
Acute but Ill-Defined Cerebrovascular Disease (436)	11	51.2	26	43.3	12	49.6	1	13.6
General Ischemic Cerebrovascular Disease (437)	5	23.3	6	10.0	4	16.5	1	13.6
Arteriosclerosis (440)	3	14.0	6	10.0	2	8.3	1	13.6
Other Diseases of Arteries, Arterioles & Capillaries (441-448)	1	4.7	7	11.6	1	4.1	0	0.0
Venous Thrombosis & Embolism (451-453)	0	0.0	2	3.3	1	4.1	0	0.0
Pneumonia (480-486)	4	18.6	12	20.0	7	28.9	1	13.6
Influenza (487)	0	0.0	3	5.0	0	0.0	0	0.0
Bronchitis, Emphysema, Asthma, COPD (490-493, 496)	18	83.7	26	43.3	12	49.6	2	27.3
Peptic Ulcer (531-533)	0	0.0	1	1.7	2	8.3	1	13.6
Hernia & Intestinal Obst. (550-553.9, 560)	0	0.0	2	3.3	1	4.1	0	0.0
Cirrhosis of the Liver (571)	4	18.6	10	16.6	2	8.3	0	0.0
Alcoholic Cirrhosis (571.0-.3)	4	18.6	6	10.0	2	8.3	0	0.0
Diseases of the Gallbladder (574-576)	0	0.0	2	3.3	0	0.0	0	0.0
Diseases of the Pancreas (577)	1	4.7	1	1.7	0	0.0	1	13.6
Nephritis & Nephrosis (580-589)	1	4.7	2	3.3	0	0.0	0	0.0
Infections of the Kidney (590)	0	0.0	4	6.7	1	4.1	0	0.0
Diseases of the Male Genital Organs (600-608)	0	0.0	0	0.0	0	0.0	0	0.0
Diseases of Uterus and Other Female Genital Organs (614-629)	0	0.0	1	1.7	0	0.0	0	0.0
Complications of Pregnancy, Childbirth and the Puerperium (630-676)	0	0.0	1	1.7	0	0.0	0	0.0
Congenital Anomalies (740-759)	2	9.3	3	5.0	0	0.0	0	0.0
Certain Causes of Mortality in Early Infancy (760-779)	2	9.3	5	8.3	5	20.7	0	0.0
Senility (797)	0	0.0	0	0.0	0	0.0	0	0.0
Sudden Infant Death Syndrome (798.0)	0	0.0	1	1.7	1	4.1	1	13.6
All Other Natural Causes	12	55.8	44	73.2	17	70.2	3	40.9
Accidents (800-949)	10	46.5	37	61.6	13	53.7	3	40.9
Motor Vehicle (810-825)	6	27.9	23	38.3	7	28.9	0	0.0
Suicide (950-959)	2	9.3	13	21.6	2	8.3	4	54.6
Homicide (960-978)	0	0.0	5	8.3	0	0.0	0	0.0
Injuries Undetermined Whether Accidentally or Purposely Inflicted (980-989)	0	0.0	1	1.7	0	0.0	0	0.0

Death rates per 100,000 population

TABLE 43. DEATH BY SELECTED CAUSES WITH RATES BY COUNTY OF RESIDENCE, OREGON, 1983

SELECTED CAUSES OF DEATH	COUNTY OF RESIDENCE							
	WASCO		WASHINGTON		WHEELER		YAMHILL	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL DEATHS, ALL CAUSES	206	919.6	1600	621.6	18	1263.2	446	793.6
Tuberculosis, All Forms (010-018)	0	0.0	2	.8	0	0.0	2	3.6
Septicemia (038)	1	4.5	5	1.9	0	0.0	0	0.0
Viral Hepatitis (070)	0	0.0	0	0.0	0	0.0	1	1.8
Other Infective & Parasitic Diseases (Residual 001-139)	2	8.9	5	1.9	0	0.0	0	0.0
Malignant Neoplasms (140-280)	40	178.6	361	140.2	2	140.4	93	165.5
Of Buccal Cavity & Pharynx (140-149)	0	0.0	5	1.9	0	0.0	0	0.0
Of Digestive Organs & Peritoneum (150-159)	8	35.7	97	37.7	1	70.2	27	48.0
Of Resp. & Intrathoracic Organs (160-165)	16	71.4	94	36.5	0	0.0	20	35.6
Of Breast (174-175)	3	13.4	35	13.6	1	70.2	10	17.8
Of Genital Organs (179-187)	2	8.9	46	17.9	0	0.0	14	24.9
Of Urinary Organs (188-189)	2	8.9	12	4.7	0	0.0	6	10.7
Leukemia (204-208)	2	8.9	21	8.2	0	0.0	5	8.9
Benign Neoplasms (210-229)	1	4.5	0	0.0	0	0.0	0	0.0
In Situ, Uncertain Behavior, Unspecified Neoplasms (230-239)	0	0.0	2	.8	0	0.0	0	0.0
Diabetes Mellitus (250)	3	13.4	24	9.3	0	0.0	7	12.5
Anemias (280-285)	0	0.0	4	1.6	0	0.0	0	0.0
Alcoholic Psychoses, Alcoholism (291, 303)	1	4.5	3	1.2	0	0.0	0	0.0
Drug Dependence (304)	0	0.0	0	0.0	0	0.0	0	0.0
Meningitis (302-322)	0	0.0	1	.4	0	0.0	0	0.0
Parkinson's Disease (332)	0	0.0	8	3.1	0	0.0	0	0.0
Epilepsy (345)	0	0.0	1	.4	0	0.0	0	0.0
Major Cardiovascular Diseases (390-448)	102	455.4	756	293.7	12	842.1	235	418.1
Diseases of the Heart (390-398, 402, 404-429)	74	330.4	591	229.6	11	771.9	159	282.9
Rheumatic Fever & Chronic Rheumatic Heart Disease (390-398)	0	0.0	6	2.3	0	0.0	0	0.0
Hypertensive Heart Disease with/without Renal Disease (402, 404)	5	22.3	14	5.4	0	0.0	2	3.6
Ischemic Heart Disease (410-414)	58	258.9	458	177.9	8	561.4	132	234.9
Myocardial Infarction (410)	24	107.1	176	68.4	4	280.7	51	90.7
Other Acute & Subacute Ischemic Heart Disease (411)	0	0.0	1	.4	0	0.0	0	0.0
Chronic Ischemic Heart Disease (412-414)	34	151.8	281	109.2	4	280.7	81	144.1
All Other Forms (415-429	11	49.1	113	43.9	3	210.5	25	44.5
Hypertension (401, 403)	0	0.0	6	2.3	0	0.0	2	3.6
Cerebrovascular Disease (430-438)	25	111.6	114	44.3	1	70.2	58	103.2
Subarachnoid Hemorrhage (430)	0	0.0	4	1.6	0	0.0	2	3.6
Intracerebral & Intracranial Hemorrhages (431-432)	4	17.9	10	3.9	0	0.0	5	8.9
Cerebral Thrombosis & Embolism (434)	3	13.4	17	6.6	0	0.0	8	14.2
Acute but Ill-Defined Cerebrovascular Disease (436)	17	75.9	69	26.8	1	70.2	28	49.8
General Ischemic Cerebrovascular Disease (437)	1	4.5	12	4.7	0	0.0	12	21.4
Arteriosclerosis (440)	2	8.9	21	8.2	0	0.0	9	16.0
Other Diseases of Arteries, Arterioles & Capillaries (441-448)	1	4.5	24	9.3	0	0.0	7	12.5
Venous Thrombosis & Embolism (451-453)	0	0.0	1	.4	0	0.0	0	0.0
Pneumonia (480-486)	6	26.8	43	16.7	0	0.0	7	12.5
Influenza (487)	0	0.0	7	2.7	0	0.0	1	1.8
Bronchitis, Emphysema, Asthma, COPD (490-493, 496)	11	49.1	65	25.3	0	0.0	26	46.3
Peptic Ulcer (531-533)	0	0.0	3	1.2	0	0.0	5	8.9
Hernia & Intestinal Obst. (550-553.9, 560)	0	0.0	2	.8	0	0.0	1	1.8
Cirrhosis of the Liver (571)	5	22.3	20	7.8	2	140.4	3	5.3
Alcoholic Cirrhosis (571.0-.3)	4	17.9	15	5.8	1	70.2	3	5.3
Diseases of the Gallbladder (574-576)	0	0.0	3	1.2	0	0.0	1	1.8
Diseases of the Pancreas (577)	0	0.0	1	.4	0	0.0	3	5.3
Nephritis & Nephrosis (580-589)	0	0.0	6	2.3	0	0.0	2	3.6
Infections of the Kidney (590)	0	0.0	0	0.0	0	0.0	2	3.6
Diseases of the Male Genital Organs (600-608)	0	0.0	0	0.0	0	0.0	0	0.0
Diseases of Uterus and Other Female Genital Organs (614-629)	1	4.5	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth and the Puerperium (630-676)	0	0.0	2	.8	0	0.0	0	0.0
Congenital Anomalies (740-759)	1	4.5	18	7.0	0	0.0	3	5.3
Certain Causes of Mortality in Early Infancy (760-779)	1	4.5	9	3.5	0	0.0	3	5.3
Senility (797)	0	0.0	0	0.0	0	0.0	0	0.0
Sudden Infant Death Syndrome (798.0)	1	4.5	8	3.1	0	0.0	2	3.6
All Other Natural Causes	12	53.6	109	42.3	1	70.2	28	49.8
Accidents (800-949)	15	67.0	90	35.0	1	70.2	16	28.5
Motor Vehicle (810-825)	7	31.2	48	18.6	1	70.2	11	19.6
Suicide (950-959)	2	8.9	22	8.5	0	0.0	5	8.9
Homicide (960-978)	1	4.5	12	4.7	0	0.0	0	0.0
Injuries Undetermined Whether Accidentally or Purposely Inflicted (980-989)	0	0.0	7	2.7	0	0.0	0	0.0

Death rates per 100,000 population

MARRIAGE & DIVORCE

MARRIAGES AND DIVORCES

MARRIAGES AND DIVORCES DECLINE

During the last quarter century the annual marriage rate increased steadily from 1961 to 1972, and after reaching a plateau a slight decrease occurred in 1975 and 1976. From 1977 to the present the marriage rate has fluctuated yearly. In 1983, 23,346 marriages occurred in Oregon, a decrease of 3.5 percent from the recorded high point of 24,186 in 1982. The rate of 8.9 marriages to 1,000 population is also down slightly from the 1982 rate.

Divorces, with 16,173 reported in 1983, declined slightly from the 1982 figures. The rate of divorces has shown a slight decline since 1976, with 1983 being the lowest rate of divorce since 1974. The Oregon rates for marriage and divorce parallel the U.S. changes. However, the Oregon divorce rate started decreasing at a slightly earlier date.

FIGURE 8

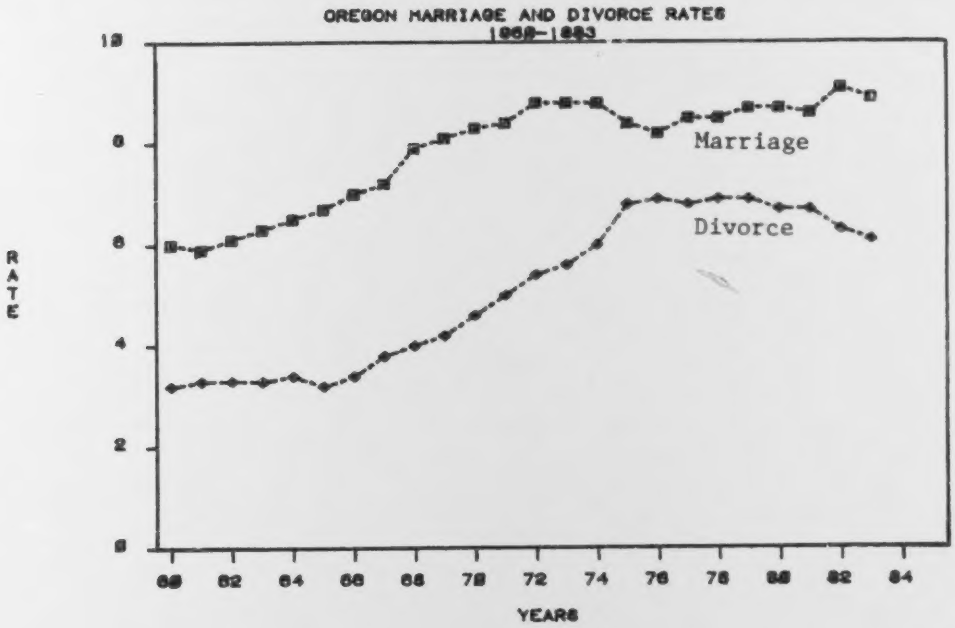
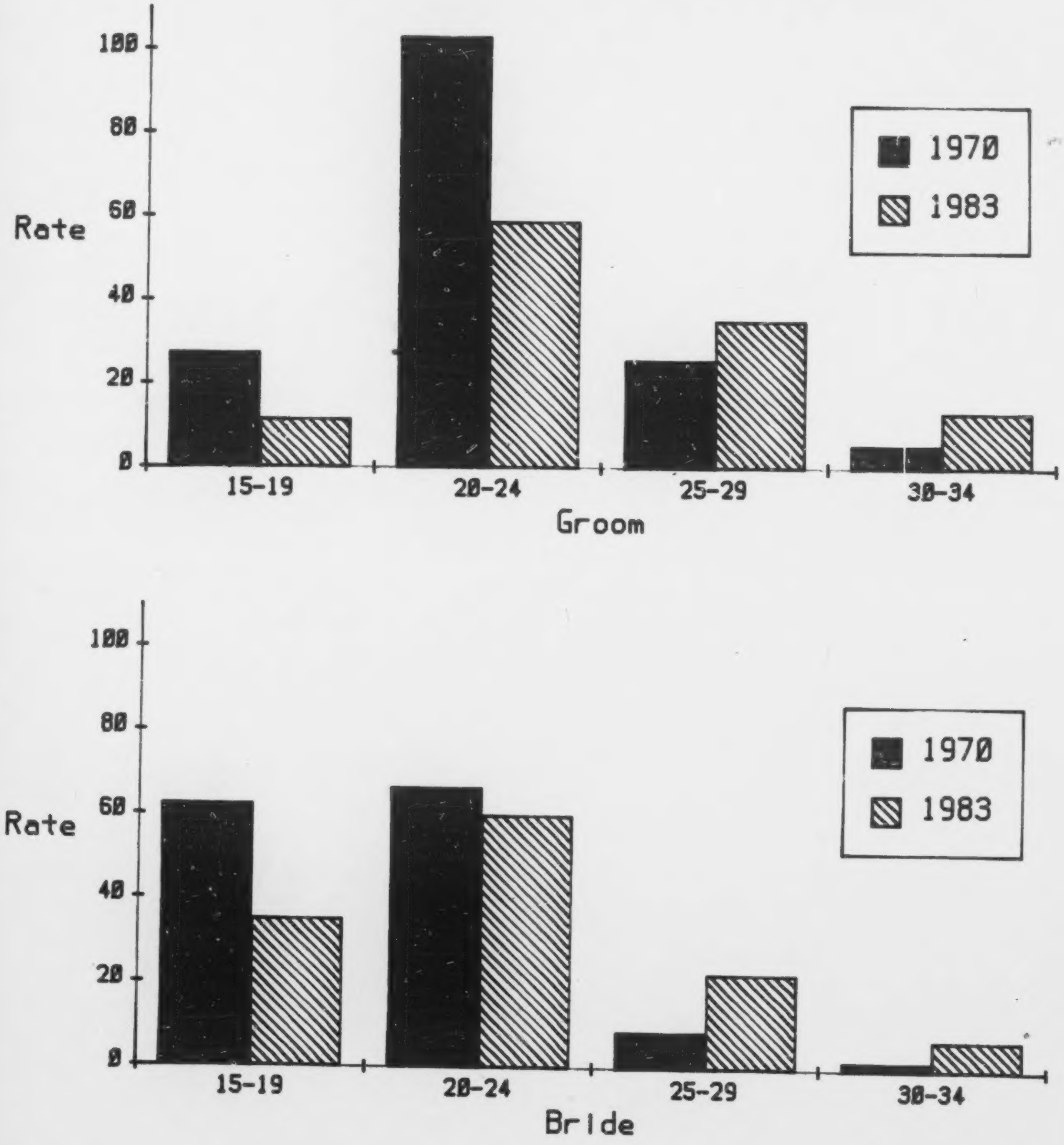


FIGURE 9

FIRST MARRIAGE RATES FOR BRIDES AND GROOMS
Selected Age Groups 1970 and 1983



OCCURRENCE FIGURES YIELD LOW MARRIAGE RATE

Although the marriage and divorce rates are more useful than the absolute number of events, the calculation of rates is considerably more complicated than for the other areas of vital statistics. First, unlike birth and death events, the states do not exchange certificates of residents. Having only figures of events occurring in Oregon rather than resident figures is a serious problem because there are several advantages for marrying out of the state of Oregon, but few advantages for divorcing in another state. Oregon has traditionally had stricter requirements (financial and medical) than neighboring states, so many marriages which would normally occur here are counted in Washington, California, Idaho and Nevada.

RATES BY AGE FOR FIRST MARRIAGES CHANGING

A second factor which makes marriage rates complicated is that the true denominator for the people "at risk" (the number of unmarried people in the population) is available only in census years, and the total population can be a misleading substitute. Figure 9 that follows refers only to first marriages within certain age/sex groups, and shows the changes which have occurred over the past thirteen years. For both males and females the first-marriage rate has declined for teenagers while the rates for those 25 and over have increased. Males in their early twenties are marrying at a considerably lower rate than in 1970, but females have shown only minor changes.

The smaller rates for 15 to 24 year olds and the higher rates for the 25 to 35 year olds suggest that people are delaying marriage. This delay combined with an older population has increased the median age at first marriage from 23.4 in 1978 to 24.5 in 1983 for grooms and from 21.5 to 22.6 for brides.

DURATION OF MARRIAGE BEFORE DIVORCE

A slight change is noticeable in the duration of the marriages which were terminated in 1983. Ten years years earlier, 45.3 percent of divorces were to people who had been married for less than five years.

By 1983 the proportion of divorces where the couple had been married for less than 5 years had decreased to 38.2 percent (Figure 10). In 1978 the median duration of marriage prior to the dissolution was 6.0 years. Five years later; in 1983, the figure had increased to 7.7, and the increased duration for first divorces was greater than for subsequent divorces. In 1978 the duration was 7.0 for first time wives and 6.0 for first time husbands. In 1983 the median duration was 8.2 for wives and 8.8 for husbands.

FIGURE 10

MEDIAN DURATION OF MARRIAGE BEFORE DIVORCE
OREGON 1978 and 1983

Median Duration of Marriage		Order of Marriage				
		TOTAL	1st	2nd	3rd	4th or more
Wife	1983	7.7	8.2	5.7	5.1	3.0
Wife	1978	6.0	7.0	5.7	4.7	2.6
Husband	1983	7.7	8.8	5.6	4.4	3.3
Husband	1978	6.0	6.0	4.7	3.5	3.3

CHILDREN AFFECTED BY DIVORCE The decline in the fertility rate has resulted in fewer children under the age of 18 being affected by divorce. Until 1975 the number of decrees was exceeded by the number of affected children, but both figures increased at a steady rate. After 1975, however, decrees continued to increase, but the number of children remained the same or declined. In 1983, 13,651 minor children were affected by a divorce.

FIGURE 11

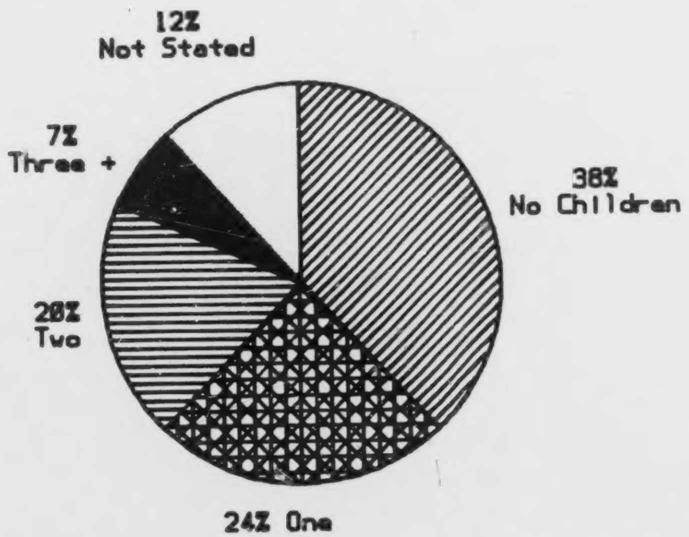


TABLE 44. DISSOLUTION OF MARRIAGES AND ANNULMENTS BY NUMBER OF MINOR CHILDREN (UNDER 18 YEARS) AFFECTED, OREGON, 1983

NUMBER OF CHILDREN REPORTED OF THIS MARRIAGE ONLY	DISSOLUTIONS OF MARRIAGE AND ANNULMENTS	
	Number	Percent
TOTAL	16,173	100.0
0 None	6,191	38.3
1 Child	3,915	24.1
2 Children	3,125	19.3
3 Children	809	5.0
4 Children	195	1.2
5 Children	37	0.2
6 Children	11	0.0
7 or More Children	4	0.0
Not Reported	1,886	11.7
Total Number of Reported Minor Children Affected	13,651	

TABLE 45. MARRIAGES AND DISSOLUTION OF MARRIAGES (INCLUDING ANNULMENTS) BY MONTH OF OCCURRENCE, OREGON, 1983

MONTH OF OCCURRENCE	MARRIAGES		DISSOLUTION OF MARRIAGES AND ANNULMENTS	
	NUMBER	RATE	NUMBER	RATE
TOTAL	23,346	8.9	16,173	6.1
January	1,133	5.2	1,355	6.2
February	1,279	5.8	1,263	5.8
March	1,619	7.4	1,417	6.5
April	1,603	7.3	1,211	5.5
May	1,907	8.7	1,354	6.2
June	2,736	12.5	1,392	6.3
July	2,536	11.5	1,240	5.6
August	2,796	12.7	1,525	6.9
September	2,425	11.0	1,302	5.9
October	1,693	7.7	1,376	6.3
November	1,537	7.0	1,526	6.9
December	2,082	9.5	1,212	5.5

Rates per 1,000 population. Monthly rates are annual projections based on that month's occurrence.

TABLE 46. MARRIAGES BY AGE GROUPS AND PREVIOUS MARITAL STATUS OF GROOM, OREGON, 1983

AGE OF GROOM	ALL MARRIAGES	FIRST MARRIAGE FOR GROOM	REMARRIAGE FOR GROOM			PREVIOUS STATUS UNKNOWN
			TOTAL	DIVORCED	WIDOWED	
ALL AGES	23,346	14,076	9,171	8,359	812	99
15-19	1,243	1,236	3	3	-	4
20-24	6,930	6,513	377	374	3	40
25-29	5,621	4,066	1,529	1,516	13	26
30-34	3,664	1,575	2,074	2,062	12	15
35-39	2,146	445	1,698	1,660	38	3
40-44	1,257	108	1,146	1,115	31	3
45-49	743	35	708	665	43	-
50-54	481	13	468	400	68	-
55-59	348	13	334	248	86	1
60-64	252	9	242	124	118	1
65-69	207	5	201	72	129	1
70-74	153	3	149	35	114	1
75+	157	4	152	17	135	1
Not Stated	144	51	90	68	22	3
Median Age	28.1	24.5	36.8	35.7	64.7	26.2

TABLE 47. MARRIAGES BY AGE GROUPS AND PREVIOUS MARITAL STATUS OF BRIDE, OREGON, 1983

AGE OF BRIDE	ALL MARRIAGES	FIRST MARRIAGE FOR BRIDE	REMARRIAGE FOR BRIDE			PREVIOUS STATUS UNKNOWN
			TOTAL	DIVORCED	WIDOWED	
ALL AGES	23,346	14,091	9,159	8,265	894	96
15-19	3,683	3,602	52	49	3	29
20-24	7,654	6,657	960	941	19	37
25-29	4,773	2,688	2,069	2,021	48	16
30-34	3,022	857	2,159	2,101	58	6
35-39	1,646	164	1,481	1,422	59	1
40-44	957	55	902	845	57	-
45-49	492	12	478	403	75	2
50-54	286	4	281	201	80	1
55-59	198	3	195	100	95	-
60-64	174	2	172	57	115	-
65-69	149	4	144	32	112	1
70-74	97	-	95	16	79	2
75+	81	1	80	10	70	-
Not Stated	134	42	91	67	24	1
Median Age	25.4	22.6	33.5	32.7	57.5	22.6

TABLE 48. ALL MARRIAGES AND FIRST MARRIAGES FOR BOTH BRIDE AND GROOM BY AGE GROUPS, OREGON, 1983

		ALL MARRIAGES													
AGE OF GROOM	TOTAL	AGE OF BRIDE													
		15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	N.S.
TOTAL	23,346	3,683	7,654	4,773	3,022	1,646	957	492	286	198	174	149	97	81	134
15-19	1,243	968	241	24	6	1	1	1	-	-	-	-	-	-	1
20-24	6,930	2,198	3,979	563	133	34	12	2	2	-	-	-	-	1	6
25-29	5,821	409	2,403	2,022	610	143	22	4	2	-	-	-	-	-	6
30-34	3,664	63	706	1,385	1,103	316	66	18	2	-	1	-	1	-	3
35-39	2,146	26	210	525	684	492	159	32	9	3	-	1	-	-	5
40-44	1,257	8	71	175	303	339	273	71	12	3	1	-	-	-	1
45-49	743	1	23	44	112	172	207	127	42	12	1	-	-	-	2
50-54	481	3	3	15	45	89	121	106	70	15	10	2	-	1	1
55-59	348	-	4	6	16	38	58	74	73	56	14	7	1	-	1
60-64	252	-	1	4	5	16	25	27	44	59	46	15	6	1	3
65-69	207	1	-	1	3	2	6	23	17	31	49	49	20	5	-
70-74	153	-	-	-	-	1	4	5	9	13	34	39	34	12	2
75+	157	-	-	-	-	1	1	1	3	6	16	34	34	61	-
Not Stated	144	6	13	9	2	2	2	1	1	-	2	2	1	-	103

		FIRST MARRIAGE FOR BRIDE & GROOM													
AGE OF GROOM	TOTAL	AGE OF BRIDE													
		15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	N.S.
TOTAL	11,380	3,327	5,591	1,862	474	67	21	1	-	2	-	3	-	1	31
15-19	1,190	953	217	14	4	-	1	-	-	-	-	-	-	-	1
20-24	5,866	2,067	3,484	283	24	1	2	-	-	-	-	-	-	1	4
25-29	3,081	269	1,585	1,063	150	9	2	1	-	-	-	-	-	-	2
30-34	925	26	243	423	210	20	1	-	-	-	-	-	-	-	2
35-39	215	6	37	68	71	28	4	-	-	-	-	-	-	-	1
40-44	42	-	11	6	11	7	7	-	-	-	-	-	-	-	-
45-49	6	1	2	2	1	-	-	-	-	-	-	-	-	-	-
50-54	4	-	-	-	2	-	1	-	-	1	-	-	-	-	-
55-59	5	-	1	-	1	1	1			1					
60-64	5	-	1	-	-	1	2	-	-	-	-	1	-	-	-
65-69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70-74	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
75+	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Not Stated	39	5	10	3	-	-	-	-	-	-	-	-	-	-	21

TABLE 49. MARRIAGES BY COUNTY OF OCCURRENCE BY AGE GROUPS OF BRIDE, OREGON, 1982

COUNTY OF OCCURRENCE	ALL AGES	AGE OF BRIDE											
		15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+	N.S.
TOTAL	23,346	3,683	7,654	4,773	3,022	1,646	957	492	286	198	174	327	14
Baker	119	27	35	22	13	7	6	4	1	2	1	1	-
Benton	508	54	185	135	66	24	12	5	9	4	4	9	1
Clackamas	1,850	263	627	384	236	146	80	34	18	17	17	23	5
Clatsop	351	54	115	74	40	25	14	5	8	3	1	10	2
Columbia	243	68	78	32	21	18	7	6	5	3	3	1	1
Coos	642	131	195	111	85	39	26	16	16	6	4	13	-
Crook	140	41	40	22	15	10	3	2	2	3	1	-	1
Curry	182	32	61	28	10	15	14	9	3	-	3	7	-
Deschutes	562	88	163	118	79	52	24	11	7	8	7	5	-
Douglas	933	202	280	144	99	77	37	32	16	12	9	25	-
Gilliam	20	5	4	2	3	2	2	1	-	-	1	-	-
Grant	68	8	19	9	9	5	10	3	-	-	2	3	-
Harney	63	16	21	12	4	4	1	2	2	1	-	-	-
Hood River	153	18	53	27	28	10	7	5	-	3	-	2	-
Jackson	1,271	233	384	239	171	109	49	25	23	9	5	22	2
Jefferson	128	40	36	14	23	5	3	4	1	1	1	-	-
Josephine	564	150	157	83	68	38	27	14	8	4	7	8	-
Klamath	484	108	159	79	58	23	28	10	7	2	3	7	-
Lake	73	16	24	18	5	2	3	2	1	1	1	-	-
Lane	2,391	328	775	505	344	181	111	58	19	19	14	33	4
Lincoln	427	66	96	90	81	27	25	14	4	7	7	10	-
Linn	835	192	280	150	72	44	20	9	8	6	2	7	5
Malheur	202	46	90	22	16	10	8	4	2		1	3	-
Marion	2,085	374	724	403	237	129	86	36	22	15	16	30	3
Morrow	67	17	20	16	7	4	1	-	-	1	-	-	1
Multnomah	5,194	474	1,728	1,322	790	379	195	103	62	33	37	58	3
Polk	259	44	90	48	25	14	12	7	1	4	4	9	1
Sherman	14	2	3	2	3	2	-	1	-	-	-	-	1
Tillamook	205	39	58	34	28	14	13	7	5	6	-	1	-
Umatilla	522	127	177	84	55	29	12	9	2	6	6	9	6
Union	199	44	82	35	20	10	3	3	-	1	-	-	1
Wallowa	80	11	9	8	8	2	5	-	-	1	-	-	6
Wasco	239	28	94	42	22	20	7	8	6	4	3	5	-
Washington	1,797	257	615	380	233	136	79	34	21	14	11	16	1
Wheeler	11	2	4	2	1	-	-	1	-	-	-	1	-
Yamhill	465	78	173	77	47	34	27	8	7	2	3	9	-

TABLE 50. MARRIAGES BY COUNTY OF OCCURRENCE BY AGE GROUPS OF GROOM, OREGON, 1983

COUNTY OF OCCURRENCE	ALL AGES	AGE OF GROOM											
		15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+	N.S.
TOTAL	23,346	1,243	6,930	5,621	3,664	2,146	1,257	743	481	348	252	517	144
Baker	119	9	38	27	18	8	4	7	4	-	-	4	-
Benton	508	18	166	128	88	39	25	10	11	8	4	10	1
Clackamas	1,850	84	542	457	283	183	106	70	40	26	18	32	9
Clatsop	351	23	104	78	52	32	18	8	7	7	6	14	2
Columbia	243	17	93	48	21	27	11	8	4	3	1	8	2
Coos	642	48	197	131	92	55	38	22	20	8	9	22	-
Crook	140	13	54	27	13	13	7	3	5	1	-	4	-
Curry	182	8	51	47	16	18	19	4	2	5	3	9	-
Deschutes	562	36	135	124	104	56	38	25	14	10	7	13	-
Douglas	933	79	282	184	116	87	53	39	23	19	13	38	-
Gilliam	20	-	8	2	2	2	-	3	2	-	-	1	-
Grant	68	3	21	13	6	7	6	6	2	1	1	2	-
Harney	63	4	25	13	7	5	6	1	-	-	2	-	-
Hood River	153	5	45	40	23	15	7	6	4	1	2	4	1
Jackson	1,271	78	385	273	197	132	70	39	31	21	11	32	2
Jefferson	128	18	40	19	22	13	6	3	2	2	3	-	-
Josephine	564	54	170	110	82	52	25	20	20	7	9	15	-
Klamath	484	51	151	101	57	48	26	15	12	9	5	9	-
Lake	73	6	23	18	8	7	4	2	2	2	-	1	-
Lane	2,391	106	666	603	425	197	150	69	58	35	28	48	6
Lincoln	427	19	93	94	79	52	31	17	9	7	9	17	-
Linn	835	60	286	193	120	57	25	13	13	9	8	8	43
Malheur	202	29	80	38	17	4	13	9	3	4	1	4	-
Marion	2,085	133	718	482	275	178	109	64	29	24	24	39	10
Morrow	67	8	20	17	14	2	2	1	1	1	-	-	1
Multnomah	5,194	139	1,302	1,462	1,005	547	261	139	97	79	44	98	21
Polk	259	11	86	63	39	15	9	5	7	6	5	12	1
Sherman	14	1	2	5	-	1	4	-	-	-	-	1	-
Tillamook	205	7	54	55	27	17	14	9	3	8	7	4	-
Umatilla	522	50	194	106	63	40	20	14	8	5	5	13	4
Union	199	18	80	47	24	15	6	6	-	1	1	-	1
Wallowa	80	4	14	6	6	6	3	3	1	1	-	2	34
Wasco	239	10	76	58	34	14	11	9	6	8	2	11	-
Washington	1,797	68	565	450	270	157	103	76	32	25	17	28	6
Wheeler	11	-	3	5	1	-	1	-	-	-	-	1	-
Yamhill	465	26	161	97	58	45	26	18	9	5	7	13	-

TABLE 51. DISSOLUTION OF MARRIAGES AND ANNULMENTS BY AGE OF HUSBAND AND WIFE AND DURATION OF MARRIAGE, OREGON, 1983

AGE AT DIVORCE	TOTAL	DURATION OF MARRIAGE					
		Under 1 Year	1 - 4 Years	5 - 9 Years	10 - 19 Years	20 + Years	Not Stated
HUSBAND							
TOTAL	16,173	576	5,593	4,357	3,850	1,623	174
15 - 19	66	10	55	-	-	-	1
20 - 24	1,502	94	1,187	205	-	-	16
25 - 29	3,164	93	1,517	1,355	162	-	37
30 - 34	3,319	74	977	1,222	1,009	-	37
35 - 39	2,752	73	639	613	1,330	69	28
40 - 44	1,916	59	431	346	635	431	14
45 - 49	1,223	44	253	235	265	418	8
50 - 54	754	24	155	121	164	260	10
55 - 59	512	22	115	82	96	192	5
60 - 64	331	23	84	49	61	112	2
65+	346	46	90	57	59	88	6
Not Stated	288	14	90	72	69	33	10
WIFE							
TOTAL	16,173	576	5,593	4,357	3,850	1,623	174
15 - 19	362	48	307	1	-	-	6
20 - 24	2,555	109	1,790	621	3	-	32
25 - 29	3,545	89	1,313	1,689	427	-	27
30 - 34	3,241	86	772	962	1,388	3	30
35 - 39	2,528	61	563	458	1,204	214	28
40 - 44	1,574	67	325	236	398	534	14
45 - 49	909	25	157	123	142	359	3
50 - 54	496	25	104	77	75	206	9
55 - 59	335	13	68	46	63	142	3
60 - 64	193	11	33	38	34	75	2
65+	218	29	52	34	44	56	3
Not Stated	317	13	109	72	72	34	17

TABLE 52. DISSOLUTION OF MARRIAGES AND ANNULMENTS BY AGE OF HUSBAND AND WIFE AND ORDER OF MARRIAGE, OREGON, 1983

AGE AT DIVORCE	TOTAL	ORDER OF MARRIAGE First	Second	Third	Fourth or more	Not Stated
HUSBAND						
TOTAL	16,173	9,079	3,370	1,117	462	2,145
15-19	66	62	-	-	-	4
20-24	1,502	1,301	42	3	-	156
25-29	3,164	2,412	364	41	3	344
30-34	3,319	2,055	708	127	38	391
35-39	2,752	1,390	720	227	70	345
40-44	1,916	823	510	226	95	262
45-49	1,223	424	358	171	81	189
50-54	754	253	242	96	49	114
55-59	512	135	164	78	48	87
60-64	331	85	99	55	35	57
65-69	178	34	58	34	23	29
70-74	82	12	30	17	8	15
75+	86	4	38	25	10	9
Not Stated	288	89	37	17	2	143
Median Age	34.8	31.8	38.8	43.6	46.5	36.5
WIFE						
TOTAL	16,173	9,463	3,815	1,299	472	1,124
15-19	362	337	8	-	-	17
20-24	2,555	2,211	179	12	-	153
25-29	3,545	2,555	677	102	17	194
30-34	3,241	1,809	927	230	54	221
35-39	2,528	1,132	808	321	96	171
40-44	1,574	649	483	229	115	98
45-49	809	309	254	124	63	59
50-54	496	167	146	95	56	32
55-59	335	102	121	59	27	26
60-64	193	41	78	40	16	18
65-69	112	27	32	35	8	10
70-74	61	8	28	18	4	3
75+	45	4	18	9	9	5
Not Stated	317	112	56	25	7	117
Median Age	32.2	29.2	36.5	39.6	42.8	33.1

TABLE 53. DISSOLUTION OF MARRIAGES BY COUNTY OF OCCURENCE BY AGE GROUPS OF WIFE, OREGON, 1983

COUNTY OF OCCURRENCE	ALL AGES	AGE OF WIFE											
		15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+	N.S.
TOTAL	16,173	362	2,555	3,545	3,241	2,528	1,574	809	496	335	193	218	317
Baker	117	5	12	25	23	18	13	6	4	4	-	4	3
Benton	298	1	47	85	70	37	25	14	6	3	2	2	6
Clackamas	1,226	17	163	253	256	210	143	64	46	26	9	17	22
Clatsop	212	5	49	43	47	26	21	6	7	2	2	2	2
Columbia	353	12	66	77	78	47	30	15	14	3	1	3	7
Coos	399	17	77	78	73	68	29	16	14	9	6	7	5
Crook	94	3	20	18	18	19	8	1	6	1	-	-	-
Curry	96	3	21	20	11	12	15	6	2	-	1	4	1
Deschutes	261	7	37	55	49	42	24	16	8	6	4	6	7
Douglas	651	17	94	138	105	114	72	47	18	14	9	11	12
Gilliam	3	-	-	-	2	-	-	-	-	-	-	1	-
Grant	53	3	10	3	13	6	9	2	3	2	1	1	-
Harney	42	2	7	9	7	6	5	1	2	-	2	-	1
Hood River	272	2	56	73	53	34	20	11	5	4	7	5	2
Jackson	969	32	148	206	190	142	100	56	33	24	13	12	13
Jefferson	54	1	11	8	9	8	6	4	3	1	-	1	2
Josephine	448	6	60	98	76	70	52	33	11	16	10	9	7
Klamath	416	18	71	80	75	54	42	27	11	13	6	4	15
Lake	51	1	8	8	10	11	8	2	1	2	-	-	-
Lane	1,869	34	298	401	394	297	188	86	60	35	23	26	27
Lincoln	225	6	35	51	51	24	18	16	5	5	3	5	6
Linn	503	17	91	103	102	89	44	12	15	11	8	7	4
Malheur	133	4	17	30	24	20	12	9	6	3	1	5	2
Marion	1,016	21	172	219	211	142	88	53	31	28	9	11	31
Morrow	49	1	10	8	10	6	5	3	-	2	-	1	3
Multnomah	3,643	73	542	862	755	591	338	168	101	63	46	36	68
Polk	396	15	63	87	82	60	37	17	16	5	5	7	2
Sherman	6	-	-	-	-	2	2	-	-	1	1	-	-
Tillamook	191	4	34	43	42	14	21	12	7	4	4	2	4
Umatilla	333	10	56	80	50	56	31	17	14	5	2	6	6
Union	52	3	12	8	6	8	4	4	3	2	1	1	-
Wallowa	41	-	11	13	7	2	2	3	1	-	-	-	2
Wasco	140	2	24	32	21	24	8	12	5	3	2	2	5
Washington	1,220	14	170	264	261	222	122	49	31	26	10	15	36
Wheeler	6	-	-	1	1	1	-	-	-	-	1	1	1
Yamhill	335	6	63	66	59	46	32	21	7	12	4	4	15

TABLE 54. DISSOLUTION OF MARRIAGES BY COUNTY OF OCCURENCE BY AGE GROUPS OF HUSBAND, OREGON, 1983

COUNTY OF OCCURRENCE	ALL AGES	AGE OF HUSBAND											
		15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+	N.S.
TOTAL	16,173	76	1,502	3,164	3,319	2,752	1,916	1,223	754	512	331	346	288
Baker	117	-	9	21	19	25	15	9	7	5	4	2	1
Benton	298	-	27	70	80	46	32	16	10	8	3	3	3
Clackamas	1,226	6	93	201	264	228	164	113	57	39	27	20	14
Clatsop	212	3	23	49	51	38	17	6	11	2	7	4	1
Columbia	353	2	50	69	68	69	32	28	15	9	3	5	3
Coos	399	3	45	76	70	68	45	33	19	11	14	12	3
Crook	94	1	10	23	18	10	13	7	5	3	1	3	-
Curry	96	-	14	16	19	15	6	8	4	4	3	7	-
Deschutes	261	1	20	50	55	43	25	25	18	5	9	6	4
Douglas	651	1	69	103	113	97	103	62	40	30	9	16	8
Gilliam	3	-	-	-	-	2	-	-	-	-	-	1	-
Grant	53	1	4	12	6	7	6	6	5	1	3	2	-
Harney	42	1	5	8	10	8	3	1	2	2	2	-	-
Hood River	272	-	24	71	59	43	27	18	7	8	5	7	3
Jackson	969	10	103	174	192	171	107	70	44	40	21	21	16
Jefferson	54	-	6	10	9	9	3	4	7	1	3	1	1
Josephine	448	-	36	89	60	77	66	40	30	14	16	14	6
Klamath	416	4	44	85	65	66	39	42	18	15	16	7	15
Lake	51	1	4	8	13	8	8	3	3	1	2	-	-
Lane	1,869	8	166	359	376	333	251	131	86	43	31	53	32
Lincoln	225	3	21	45	50	20	25	15	15	6	8	9	8
Linn	503	1	59	95	106	88	59	36	16	13	10	13	7
Malheur	133	2	13	23	27	18	12	13	9	4	5	7	-
Marion	1,016	1	95	199	215	157	128	76	46	34	23	15	27
Morrow	49	1	6	8	7	11	7	2	2	-	1	2	2
Multnomah	3,643	9	306	740	814	647	411	245	155	122	54	64	76
Polk	396	3	42	86	84	59	43	33	17	13	7	8	1
Sherman	6	-	-	-	1	-	3	-	1	1	-	-	-
Tillamook	191	-	17	41	42	27	17	14	13	9	6	5	-
Umatilla	333	1	32	79	61	56	40	23	13	11	6	8	3
Union	52	1	8	8	10	4	6	4	3	5	2	1	-
Wallowa	41	-	5	10	14	2	2	5	2	1	-	-	-
Wasco	140	1	10	30	30	14	14	14	10	3	5	3	6
Washington	1,220	1	93	242	260	225	155	95	43	35	20	18	33
Wheeler	6	-	-	-	1	2	-	-	-	-	1	1	1
Yamhill	335	-	43	64	50	59	32	26	21	14	4	8	14

TABLE 55. DISSOLUTION OF MARRIAGES AND ANNULMENTS BY DURATION OF MARRIAGE AND ORDER OF MARRIAGE FOR HUSBAND AND WIFE, OREGON, 1983

DURATION OF MARRIAGE	TOTAL	ORDER OF MARRIAGE				
		First	Second	Third	Fourth or more	Not Stated
HUSBAND						
TOTAL	16,173	9,079	3,370	1,117	462	2,145
Under 1 year	576	182	143	92	68	91
1 year	1,330	590	321	156	81	182
2 years	1,453	724	351	128	66	184
3 years	1,502	735	366	140	55	206
4 years	1,308	688	324	102	43	151
5 years	1,118	583	255	97	34	149
6 years	984	495	249	72	36	132
7 years	834	453	217	53	10	101
8 years	742	426	163	50	9	94
9 years	679	422	139	37	10	71
10-14 years	2,493	1,510	468	123	34	358
15-19 years	1,357	993	169	34	8	153
20-24 years	838	601	97	21	5	114
25-29 years	372	268	45	6	1	52
30+ years	413	334	29	1	-	49
Not Stated	174	75	34	5	2	58
WIFE						
TOTAL	16,173	9,463	3,815	1,299	472	1,124
Under 1 year	576	174	180	115	64	43
1 year	1,330	588	378	180	97	87
2 years	1,453	732	392	159	73	97
3 years	1,502	767	409	170	57	99
4 years	1,308	742	329	125	37	75
5 years	1,118	607	300	102	30	79
6 years	984	526	274	88	27	69
7 years	834	489	218	54	23	50
8 years	742	452	190	52	7	41
9 years	679	433	155	42	12	37
10-14 years	2,493	1,599	554	126	32	182
15-19 years	1,357	1,008	224	38	2	85
20-24 years	838	639	110	27	2	60
25-29 years	372	288	40	6	2	36
30+ years	413	344	31	5	2	31
Not Stated	174	75	31	10	5	53

TABLE 56. DISSOLUTION OF MARRIAGES AND ANNULMENTS BY STATE OR REGION WHERE MARRIAGE OCCURRED BY DURATION OF MARRIAGE, OREGON, 1983

STATE OR REGION OF MARRIAGE	TOTAL	DURATION OF MARRIAGE				
		Under 1 Year	1 - 4 Years	5 - 9 Years	10 Years & Over	Not Stated
TOTAL	16,173	576	5,593	4,357	5,473	174
New England	70	-	16	20	34	-
Middle Atlantic	157	-	22	39	96	-
East North Central	262	4	46	56	153	3
West North Central	260	4	44	63	147	2
South Atlantic	228	4	58	73	90	3
East South Central	59	-	18	17	24	-
West South Central	181	3	50	48	79	1
Mountain:						
Montana	57	-	12	13	32	-
Idaho	339	14	84	76	161	4
Wyoming	27	-	7	7	13	-
Colorado	80	1	17	20	41	1
New Mexico	25	-	10	3	12	-
Arizona	91	-	25	30	36	-
Utah	75	4	25	14	31	1
Nevada	2,366	126	908	682	642	8
Pacific:						
Washington	2,057	79	723	529	711	15
OREGON	8,054	318	3,201	2,207	2,290	38
California	1,237	14	213	338	663	9
Alaska	47	1	10	19	17	-
Hawaii	58	1	18	20	18	1
Virgin Islands	1	-	-	1	-	-
Foreign Countries	297	1	69	64	157	5
Not Stated	145	2	17	18	25	83

MORBIDITY

MORBIDITY

INCOMPLETE REPORTING CAUSES INCOMPLETE DATA

The number of cases reported for each disease category in the following sections probably underestimates the actual number of cases that have occurred during the year. Although reporting of communicable diseases by physicians is mandatory in Oregon, underreporting frequently occurs because of a break in the chain of events leading to the report of a disease. This chain includes the occurrence of the disease in an individual patient, the seeking of medical care by that patient, the making of the correct diagnosis by the physician, and the reporting of that diagnosed patient to the local health department. Failure to seek medical care and failure to report diagnosed cases are probably the most common causes of incomplete reporting. The communicable disease rules are now being revised to make reporting easier and more timely.

CAMPYLOBACTERIOSIS

This bacteria-caused diarrheal illness has continued to be increasingly reported since 1981, when it was first made a reportable disease. This increase in reporting probably results from better recognition of the illness rather than a real increase in occurrence.

GIARDIASIS

This parasite-caused diarrheal illness has also continued to be increasingly reported since 1981, when it was first made a reportable disease. As with campylobacteriosis, this probably represents increased recognition rather than increased occurrence.

GONORRHEA

The incidence of reported gonorrhea cases has continued to steadily decline since 1980.

TUBERCULOSIS

The number of newly reported tuberculosis cases continued to decline since a peak in 1980. This decline may, in part, be the result of a decreasing number of newly arriving refugees as well as the result of intensive efforts to prevent the disease among persons recently exposed to tuberculosis.

VACCINE PREVENTABLE DISEASES

No significant outbreaks of measles, pertussis, polio, or rubella occurred during the year. The occurrence of sporadic cases, or small clusters of cases, however continues to demonstrate the need to maintain effective immunization programs for outbreak prevention.

TABLE 57. REPORTED CASES OF GONORRHEA BY SEX AND AGE-GROUPS, OREGON, 1979-1983

AGE GROUPS AND SEXES	1979		1980		1981		1982		1983	
	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
TOTAL	10,272	403.8	11,159	423.9	9,189	345.4	7,791	293.3	6,672	253.2
Male	5,336	429.7	5,669	437.3	5,346	407.9	4,394	335.9	3,647	282.1
Female	3,973	305.1	3,761	281.4	3,843	284.7	3,397	252.0	3,025	225.0
Under 10	9	*	9	*	11	*	13	3.3	14	3.6
Male	1	*	4	*	2	*	1	0.5	4	2.0
Female	7	*	4	*	9	*	12	6.3	10	5.3
10 - 14	75	37.1	84	41.5	58	28.5	59	29.4	76	38.9
Male	6	5.8	12	11.6	6	5.8	5	4.9	7	7.0
Female	57	56.6	56	56.6	52	52.4	54	55.2	69	72.3
15 - 19	2,437	1052.7	2,630	1164.7	2,022	928.6	1,738	809.8	1522	730.4
Male	735	523.4	793	691.4	660	1268.9	574	521.8	525	494.0
Female	1,462	1287.2	1,418	1276.1	1,362	1279.2	1,164	1112.6	997	976.3
20 - 24	3,501	1415.2	3,669	1543.0	2,970	1268.9	2,530	1123.1	2220	1004.1
Male	1,882	1517.6	1,951	1656.2	1,735	1497.3	1,448	1286.7	1204	1088.3
Female	1,311	1062.6	1,212	1010.1	1,235	1045.0	1,082	959.8	1,016	919.7
25 - 29	2,059	880.3	2,171	856.5	1,864	737.6	1,508	614.2	1,188	507.8
Male	1,344	1188.6	1,411	1112.2	1,334	1058.4	1,039	855.5	790	683.3
Female	553	457.7	541	427.3	530	418.4	469	378.0	398	336.4
30 - 34	956	497.4	1,088	478.1	975	403.0	772	320.9	603	255.0
Male	630	684.1	727	631.8	730	598.0	576	475.1	441	371.8
Female	250	249.8	226	200.9	245	204.4	196	164.2	162	137.5
35 - 39	392	252.4	464	271.8	389	216.5	334	174.1	300	151.7
Male	288	371.2	321	373.1	307	338.5	255	263.5	230	231.1
Female	74	95.2	81	95.7	82	92.2	79	83.1	70	71.2
40+	381	42.5	384	41.4	321	39.1	287	30.3	238	24.9
Male	287	68.7	266	61.4	268	67.8	299	51.6	187	42.0
Female	62	13.0	57	11.5	53	12.5	58	11.5	51	10.0
Age Not Stated	462		660		579		550		511	
Male	163		184		304		267		259	
Female	197		166		275		283		252	

All rates per 100,000 population within the specific age group.

TABLE 58. REPORTED CASES OF SYPHILIS BY AGE GROUPS AND YEAR, OREGON, 1978-1983

AGE GROUP	1978		1979		1980		1981		1982		1983	
	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
All Ages	170	6.9	168	6.6	109[1]	4.1	123	4.6	111	4.2	144	5.5
10-14	-	-	1	0.5	1	0.5	-	-	-	-	-	-
15-19	13	5.6	11	4.8	11	4.9	12	5.5	7	3.3	3	1.4
20-24	32	13.3	39	15.8	24	10.1	25	10.7	27	12.0	26	11.8
25-29	38	17.4	45	19.2	32	12.6	25	9.9	28	11.4	33	14.1
30-34	28	15.4	25	13.0	26	11.4	25	10.3	17	7.1	32	13.5
35-39	28	19.2	20	12.9	6	3.5	14	7.8	11	5.7	22	11.1
40+	31	3.5	27	3.0	8	0.9	22	2.3	21	2.2	28	2.9

Includes primary and secondary syphilis only.
All rates per 100,000 popualtion within the specific age group.

[1] Includes one with age not stated.

TABLE 59. REPORTED CASES WITH RATES OF SYPHILIS AND GONORRHEA BY YEAR, OREGON, 1945-1983

YEAR	SYPHILIS			GONORRHEA	
	TOTAL Cases	TOTAL Rate	Primary & Secondary (Contagious)	Cases	Rate
1945	1,717	139.9	472	3,214	261.9
1946	1,447	107.4	493	2,438	180.9
1947	1,427	100.3	439	1,945	136.7
1948	1,205	81.9	286	2,363	92.7
1949	703	46.5	152	854	56.5
1950	525	34.5	54	614	40.4
1951	381	24.3	46	745	47.5
1952	629	39.3	56	702	43.8
1953	683	41.7	48	557	34.0
1954	713	42.9	44	548	33.0
1955	609	36.0	37	470	27.8
1956	598	34.5	52	490	28.2
1957	589	33.9	21	611	35.2
1958	716	41.4	22	916	53.0
1959	746	42.0	46	1,029	57.9
1960	637	36.0	72	1,331	75.3
1961	524	28.8	43	1,258	69.3
1962	561	30.7	49	1,287	70.5
1963	593	31.9	73	1,783	96.1
1964	377	19.8	76	2,177	114.2
1965	427	22.4	47	2,520	127.8
1966	222	11.1	46	2,811	140.6
1967	206	10.3	43	3,363	167.6
1968	199	9.7	41	4,056	197.8
1969	201	9.7	43	5,799	277.6
1970	177	8.5	32	6,793	324.8
1971	114	5.3	15	9,043	422.0
1972	113	5.2	40	10,206	476.5
1973	148	6.7	49	11,146	501.0
1974	237	10.5	118	11,704	516.5
1975	304	13.2	145	11,449	498.0
1976	250	10.7	106	11,022	470.7
1977	282	11.8	144	11,044	460.9
1978	415	16.8	170	11,253	455.2
1979	361	14.2	168	10,278	404.0
1980	296	11.2	109	11,162	424.0
1981	272	10.2	123	9,189	345.4
1982	214	8.1	111	7,796	293.5
1983	274	10.4	144	6,672	253.2

All rates per 100,000 population

TABLE 60. REPORTED CASES OF SYPHILIS AND GONORRHEA BY COUNTY OF RESIDENCE AND BY TYPE OF INFECTION, OREGON, 1983

COUNTY OF RESIDENCE	SYPHILIS					GONORRHEA	
	Total		Primary & Secondary (Contagious)	Early Latent	Late		
	Number	Rate				Number	Rate
TOTAL	273	10.3	144	98	31	6,672	255.2
Baker	2	12.3	1	-	1	9	55.4
Benton	4	5.7	2	2	-	103	147.9
Clackamas	8	3.3	5	2	1	342	139.5
Clatsop	2	6.1	1	1	-	42	128.4
Columbia	-	-	-	-	-	37	102.2
Coos	-	-	-	-	-	127	205.7
Crook	-	-	-	-	-	7	54.2
Curry	-	-	-	-	-	17	98.8
Deschutes	1	1.6	-	-	1	57	88.6
Douglas	6	6.5	3	1	2	79	85.8
Gilliam	1	51.0	-	-	1	1	51.0
Grant	-	-	-	-	-	1	12.6
Harney	-	-	-	-	-	6	79.8
Hood River	4	25.2	1	3	-	26	163.8
Jackson	6	4.5	2	-	4	210	157.0
Jefferson	2	16.4	-	2	-	35	286.3
Josephine	2	3.4	2	-	-	83	140.7
Klamath	-	-	-	-	-	71	119.9
Lake	1	13.1	-	-	1	4	55.2
Lane	14	5.2	7	7	-	535	197.7
Lincoln	2	5.5	1	1	-	42	114.8
Linn	3	3.4	1	2	-	104	117.1
Malheur	-	-	-	-	-	12	44.2
Marion	38	18.3	23	13	2	478	230.5
Morrow	-	-	-	-	-	4	55.1
Multnomah	144	25.7	75	54	15	3491	618.4
Polk	1	2.2	1	-	-	23	51.0
Sherman	-	-	-	-	-	-	-
Tillamook	1	4.7	-	1	-	22	104.0
Umatilla	1	1.7	-	1	-	120	200.0
Union	-	-	-	-	-	51	208.9
Wallowa	-	-	-	-	-	6	81.2
Wasco	-	-	-	-	-	15	66.1
Washington	26	10.0	17	7	2	457	179.9
Wheeler	-	-	-	-	-	-	-
Yamhill	4	7.1	2	1	1	55	97.2

Rates per 100,000 population

TABLE 61. REPORTED TUBERCULOSIS CASES AND DEATHS WITH RATES, OREGON, 1950-83

YEAR	CASES[1]		DEATHS	
	Number	Rate	Number	Rate
1950	676	44.4	201	13.2
1951	765	48.8	209	13.3
1952	863	53.9	146	9.1
1953	656	40.1	112	6.8
1954	636	38.2	84	5.1
1955	638	37.7	80	4.7
1956	593	34.2	70	4.0
1957	578	33.3	62	3.6
1958	572	33.1	54	3.1
1959	560	31.5	69	3.9
1960	492	27.8	63	3.6
1961	454	25.0	57	3.1
1962	417	22.8	43	2.3
1963	395	21.3	51	2.7
1964	416	21.8	48	2.5
1965	361	18.3	34	1.8
1966	386	19.3	43	2.2
1967	322	16.0	37	1.8
1968	290	14.1	29	1.4
1969	357	17.2	24	1.2
1970	265	12.7	18	0.9
1971	249	11.6	29	1.4
1972	234	10.7	30	1.4
1973	239	10.7	30	1.3
1974	207	9.1	24	1.1
1975	194	8.4	20	0.9
1976	197	8.4	20	0.9
1977	171	7.1	13	0.5
1978	204	8.3	21	0.8
1979	179	7.0	20	0.8
1980	218	8.3	27	1.0
1981	206	7.7	18	0.7
1982	194	7.3	14	0.5
1983	182	6.9	16	0.6

All rates per 100,000 population

[1] From 1950 to 1974 new cases included those cases first reported in that year. In 1975 through 1983, new cases included those cases first reported in that year plus reactivations.

TABLE 62. CASES OF REPORTABLE DISEASES BY MONTH OF REPORT, OREGON 1983

DISEASES	TOTAL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Amebiasis	93	11	12	8	5	8	6	7	5	3	6	18	4
Botulism	3	-	-	-	-	1	-	2	-	-	-	-	-
Hepatitis													
Type A (Infectious)	783	45	39	62	41	41	58	42	89	89	91	104	103
Type B (Serum)	269	27	15	18	27	31	20	21	23	14	20	28	25
Non A Non B	118	14	6	9	13	9	3	11	8	12	6	11	16
Unspecified	31	2	3	5	2	-	4	1	2	1	3	6	2
Legionellosis	3	-	-	-	-	-	1	-	-	1	-	-	-
Leprosy	1	1	-	-	-	-	-	-	-	-	-	-	-
Leptospirosis	1	-	-	-	-	-	-	-	-	1	-	-	-
Malaria	11	2	-	1	1	-	-	2	-	2	2	-	1
Measles (Rubeola)	10	-	2	2	1	2	-	-	2	-	1	-	-
Meningococcal Infections	60	3	1	6	11	10	1	2	3	1	8	6	8
Pertussis (Whooping Cough)	10	-	-	1	2	2	-	1	-	-	2	2	-
Psittacosis	7	1	-	1	-	1	-	2	1	-	-	1	-
Rubella	14	-	2	3	4	-	3	1	-	-	1	-	-
Rubella, Congenital Syndrome	1	1	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis (Excl. Typhoid)	411	27	28	9	39	35	32	49	33	55	46	33	25
Shigella (Bacillary Dysentery)	199	9	13	4	21	18	16	10	31	25	38	6	9
Tetanus	2	1	-	-	-	-	-	-	-	-	-	-	-
Tularemia	3	-	-	-	-	-	-	1	-	1	-	1	-
Typhoid Fever	4	-	-	-	-	-	-	3	-	-	-	1	-
Toxic-Shock Syndrome	13	3	-	1	1	1	3	1	-	-	-	-	3

TABLE 63. CASES OF REPORTABLE DISEASES BY COUNTY OF RESIDENCE, OREGON, 1983

COUNTY OF RESIDENCE	AMEBIASIS	HEPATITIS Type A	Type B	Non A Non B	Unspe	MALARIA	MEASLES	MENINGOCOCCAL INFECTIONS
TOTAL	93	783	269	118	31	11	10	60
Baker	-	1	-	-	-	-	-	-
Benton	1	11	6	2	-	-	3	5
Clackamas	2	54	21	12	3	1	-	3
Clatsop	-	5	6	1	-	-	-	-
Columbia	-	3	-	1	-	-	-	1
Coos	2	4	10	4	1	-	-	-
Crook	-	1	-	-	-	-	-	1
Curry	-	-	7	-	-	-	-	1
Deschutes	-	11	1	3	1	2	-	1
Douglas	1	84	3	-	2	-	-	-
Gilliam	-	-	1	-	-	-	-	-
Grant	-	1	-	-	-	-	-	-
Harney	-	-	-	-	-	-	-	-
Hood River	5	2	1	-	-	-	-	-
Jackson	1	12	8	5	5	2	-	1
Jefferson	-	3	1	-	-	-	1	-
Josephine	4	3	9	3	2	-	-	1
Klamath	-	4	2	-	-	-	-	-
Lake	-	-	1	3	-	-	-	-
Lane	6	21	44	6	-	-	3	6
Lincoln	-	11	-	1	-	-	-	1
Linn	-	35	10	6	3	-	-	3
Malheur	-	42	-	1	5	-	-	-
Marion	4	84	12	8	3	1	-	7
Morrow	-	-	-	-	-	-	-	-
Multnomah	60	261	104	47	3	3	1	14
Polk	-	27	2	-	1	-	-	5
Tillamook	-	1	1	-	-	-	-	1
Umatilla	-	9	3	-	-	-	-	-
Union	1	3	1	-	-	-	-	2
Wallowa	-	-	-	-	-	-	-	-
Wasco-Sherman*	-	1	1	-	-	-	-	-
Washington	4	59	12	12	-	2	2	6
Wheeler	-	-	-	-	-	-	-	-
Yamhill	1	30	2	3	-	-	-	1

*Wasco and Sherman Counties reported together

TABLE 63. CASES OF REPORTABLE DISEASES BY COUNTY OF RESIDENCE, OREGON, 1983

COUNTY OF RESIDENCE	PERTUSSIS	RUBELLA	SALMON-ELLOSIS	SHIGEL-LOSIS	TUBERCU-LOSIS	TULAREMIA	TYPHOID FEVER
TOTAL	10	14	411	199	182	3	4
Baker	-	-	1	-	-	-	-
Benton	-	1	8	7	4	-	-
Clackamas	-	2	32	12	8	-	-
Clatsop	-	-	2	-	2	-	-
Columbia	-	-	4	-	1	-	-
Coos	-	-	8	1	5	1	-
Crook	-	-	-	-	1	-	-
Curry	-	-	1	-	-	-	-
Deschutes	-	-	12	2	2	-	-
Douglas	-	-	11	-	10	-	-
Gilliam	-	-	-	-	-	-	-
Grant	-	-	-	-	1	-	-
Harney	-	-	-	-	1	-	-
Hood River	-	-	2	-	1	-	-
Jackson	1	-	43	6	4	-	-
Jefferson	-	-	6	1	6	-	-
Josephine	-	-	4	-	-	-	-
Klamath	-	1	8	-	2	-	-
Lake	-	-	-	-	1	-	-
Lane	2	2	24	16	7	1	-
Lincoln	-	-	6	-	-	-	-
Linn	-	-	12	6	1	-	-
Malheur	1	-	5	33	1	-	-
Marion	1	1	34	17	12	-	3
Morrow	-	-	-	-	-	-	-
Multnomah	5	1	93	56	86	-	-
Polk	-	-	1	1	1	-	-
Tillamook	-	-	4	1	1	-	-
Umatilla	-	5	6	15	2	-	-
Union	-	-	16	1	-	1	-
Wallowa	-	-	13	-	-	-	-
Wasco-Sherman*	-	-	6	2	-	-	1
Washington	-	1	41	20	15	-	-
Wheeler	-	-	-	-	-	-	-
Yamhill	-	-	8	2	4	-	-

*Wasco and Sherman Counties reported together

POPULATION

TABLE 64. POPULATION DISTRIBUTION BY AGE AND SEX, OREGON, 1950, 1960, 1970,1975- 1983

YEAR AND SEX	TOTAL	AGE GROUPS																	
		0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+
1950	1,521,341	163,915	131,596	108,140	96,738	105,070	117,706	116,800	117,361	105,575	93,228	86,118	77,843	68,230	54,455	37,095	34,979	1/	6,492
M	772,776	83,614	67,244	55,528	47,652	51,469	57,940	57,930	59,391	54,452	48,574	44,802	40,426	36,027	28,498	19,085	17,143	1/	3,001
F	748,565	80,301	64,352	52,612	49,086	53,601	59,766	58,870	57,970	51,123	44,654	41,316	37,417	32,203	25,957	18,010	17,836	1/	3,491
1960	1,768,675	185,403	189,333	170,768	131,315	95,773	96,636	107,999	118,152	116,218	114,074	101,313	87,606	74,007	65,908	52,734	34,274	17,713	9,449
M	879,929	94,330	96,553	87,191	64,463	46,011	47,318	52,924	57,451	57,832	57,574	52,052	43,615	37,003	32,257	25,175	16,407	7,935	3,838
F	888,746	91,073	92,780	83,577	66,852	49,762	49,318	55,075	60,701	58,386	56,500	49,261	43,991	37,004	33,651	27,559	17,867	9,778	5,611
1970	2,091,385	164,060	194,345	211,284	203,362	162,638	138,978	115,599	107,832	117,950	124,395	118,996	110,739	94,408	75,601	60,321	44,263	27,900	18,714
M	1,023,952	83,836	99,274	107,664	100,952	75,549	68,827	57,764	52,738	57,790	60,407	58,563	54,576	45,809	35,886	26,956	18,946	11,249	7,166
F	1,067,433	80,224	95,071	103,620	102,410	87,089	70,151	57,835	55,094	60,160	63,988	60,433	56,163	48,599	39,715	33,365	25,317	16,651	11,548
1975	2,292,734	166,930	176,125	211,149	224,538	222,013	180,346	152,553	122,891	114,611	120,938	125,783	117,631	106,710	86,844	66,077	48,381	31,022	18,194
M	1,120,178	85,331	89,859	107,668	114,204	108,866	84,271	76,482	61,305	55,959	58,944	60,547	56,993	51,149	40,571	29,622	19,879	11,966	6,562
F	1,172,556	81,599	86,266	103,481	110,334	113,146	96,075	76,071	61,586	58,652	61,994	65,236	60,638	55,561	46,273	36,455	28,502	19,056	11,632
1976	2,341,750	172,424	175,344	209,303	226,690	229,608	190,936	160,657	128,823	116,345	120,577	126,254	119,290	108,763	89,328	67,880	49,383	31,706	18,139
M	1,143,803	88,143	89,456	106,720	115,506	113,285	89 543	79,900	64,416	56,927	58,761	60,694	57,565	51,978	41,610	30,365	20,234	12,124	6,576
F	1,197,947	84,281	85,888	102,583	111,184	116,323	101,393	80,757	64,407	59,318	61,816	65,560	61,725	56,785	47,718	37,515	29,149	19,582	11,363
1977	2,396,100	179,795	175,649	206,981	228,350	236,061	202,618	169,247	135,742	119,006	120,417	126,533	121,162	110,794	91,997	69,983	50,500	32,445	18,320
M	1,170,016	91,918	89,616	105,526	116,468	117,110	95,706	83,323	67,909	58,406	58,661	60,810	58,223	52,781	42,734	31,216	20,669	12,298	6,642
F	1,226,084	87,877	86,033	101,455	111,882	118,951	106,912	85,924	67,833	60,600	61,756	65,723	62,939	58,013	49,263	38,767	29,831	20,147	12,178
1978	2,472,000	191,405	179,233	206,478	231,143	241,353	217,906	182,004	145,922	124,002	120,688	126,506	123,112	112,545	94,626	71,986	51,100	32,763	19,227
M	1,207,195	97,767	91,305	105,112	117,886	120,554	103,730	88,303	72,747	61,020	58,722	60,815	58,979	53,507	44,054	32,229	21,178	12,437	6,848
F	1,264,805	93,638	87,928	101,366	113,257	120,799	114,176	93,701	73,175	62,982	61,966	65,691	64,133	59,038	50,572	39,757	29,922	20,326	12,399
1979	2,544,000	204,020	181,640	202,110	231,490	247,390	233,900	192,190	155,310	129,100	121,090	126,300	125,540	114,600	97,810	74,920	52,920	33,700	19,970
M	1,241,920	104,170	92,600	102,900	117,910	124,010	113,070	92,090	77,590	63,850	58,890	60,800	59,910	54,180	45,280	33,200	21,880	12,590	7,000
F	1,302,080	99,850	89,040	99,210	113,580	123,380	120,830	100,100	77,720	65,250	62,200	65,500	65,630	60,420	52,530	41,720	31,040	21,110	12,970
1980	2,632,663	197,951	189,293	202,546	225,814	237,788	253,472	227,565	170,694	133,101	119,249	124,344	129,886	117,676	105,165	79,367	55,327	34,994	28,431
M	1,296,355	101,815	96,965	103,594	114,690	117,800	126,867	115,071	86,047	67,073	58,948	60,356	62,001	56,031	49,287	35,404	22,747	12,802	8,857
F	1,336,308	96,136	92,328	98,952	111,124	119,988	126,605	112,494	84,647	66,028	60,301	63,988	67,885	61,645	55,878	43,963	32,580	22,192	19,574
1981	2,660,435	203,594	184,616	203,543	217,750	234,053	252,725	241,926	179,636	140,523	118,937	122,571	128,335	119,708	107,390	83,548	56,478	36,576	28,526
M	1,310,480	104,334	94,477	104,341	111,275	115,874	126,043	122,079	90,690	70,811	59,188	59,493	61,398	56,675	50,396	37,441	23,405	13,444	9,116
F	1,349,955	99,260	90,139	99,202	106,475	118,179	126,682	119,847	88,946	69,712	59,749	63,078	66,937	63,033	56,994	46,107	33,073	23,132	19,410
1982	2,656,185	205,442	184,989	200,663	214,621	225,266	245,516	240,579	191,815	145,302	119,328	118,393	124,286	121,205	108,828	87,242	122,710	2/	
M	1,308,018	104,536	94,896	102,787	110,004	112,537	121,444	121,229	96,778	73,205	59,541	57,526	59,397	57,238	50,920	39,287	46,693	2/	
F	1,348,167	100,906	90,093	97,876	104,617	112,729	124,072	119,350	95,037	72,097	59,787	60,867	64,889	63,967	57,908	47,955	76,017	2/	
1983	2,634,993	200,502	185,101	195,306	208,383	221,102	233,950	236,452	197,788	150,869	119,798	113,707	119,496	121,107	110,442	90,061	130,929	2/	
M	1,292,711	102,231	95,121	99,869	106,267	110,629	115,627	118,621	99,538	75,798	59,704	55,279	57,032	56,925	51,386	40,321	48,363	2/	
F	1,342,282	98,271	89,980	95,437	102,116	110,473	118,323	117,831	98,250	75,071	60,094	58,428	62,464	64,182	59,056	49,740	82,566	2/	

1/ Includes ages 75-84.
2/ Includes ages 75 and over.
1950, 1960, 1970, 1980 are U.S. Census. All others are estimates provided by Center for Population Research and Census, Portland State University.

ESTIMATED 5 YEAR AGE GROUPS BY SEX, 1983

OREGON AND ITS COUNTIES

	TOTAL 0-4	0-4 MALE	0-4 FEMALE	TOTAL 5-9	5-9 MALE	5-9 FEMALE	TOTAL 10-14	10-14 MALE	10-14 FEMALE	TOTAL 15-19	15-19 MALE	15-19 FEMALE
BAKER	1215	611	604	1128	623	505	1247	643	604	1339	723	616
BENTON	4411	2266	2145	4082	2097	1985	4183	2088	2095	8075	4232	3843
CLACKAMAS	18394	9427	8967	17995	9220	8775	21207	10834	10373	21763	11108	10655
CLATSOP	2513	1302	1211	2262	1154	1108	2259	1141	1118	2327	1174	1153
COLUMBIA	2846	1414	1432	2902	1435	1467	3257	1678	1579	3190	1623	1567
COOS	4332	2219	2113	4483	2279	2204	4753	2471	2282	5034	2616	2418
CROOK	1060	546	514	958	466	492	1053	526	527	1045	550	495
CURRY	1193	602	591	1048	531	517	1103	572	531	1332	653	679
DESCHUTES	5173	2637	2536	4626	2364	2262	5187	2645	2542	4931	2558	2373
DOUGLAS	6882	3522	3360	7078	3624	3454	7501	3823	3678	7854	4061	3793
GILLIAM	147	79	68	139	65	74	122	65	57	163	73	90
GRANT	600	303	297	587	304	283	625	303	322	656	355	301
HARNEY	466	240	226	606	331	275	641	322	319	638	323	315
HOOD RIVER	1442	730	712	1244	623	621	1243	656	587	1197	624	573
JACKSON	9640	4861	4779	9218	4726	4492	10213	5213	5000	10587	5482	5105
JEFFERSON	1216	619	597	1007	530	477	1021	519	502	1130	595	535
JOSEPHINE	4208	2157	2051	4221	2213	2008	4520	2381	2139	4727	2383	2344
KLAMATH	4339	2213	2126	4372	2311	2061	4895	2550	2345	4884	2459	2425
LAKE	571	290	281	597	303	294	602	285	317	608	331	277
LANE	18620	9443	9177	18454	9549	8905	19312	9900	9412	22845	11348	11497
LINCOLN	2649	1341	1308	2207	1138	1069	2211	1105	1106	2384	1216	1168
LINN	6817	3482	3335	6791	3459	3332	7391	3819	3572	7515	3803	3712
MALHEUR	2443	1246	1197	2331	1218	1113	2260	1138	1122	2356	1197	1159
MARION	16756	8554	8202	15007	7634	7373	15028	7713	7315	16016	8273	7743
MORROW	663	339	324	631	338	293	648	332	316	647	330	317
MULTNOMAH	40531	20642	19889	34100	17546	16554	33884	17194	16690	35846	18066	17780
POLK	3283	1678	1605	3168	1674	1494	3429	1784	1645	3583	1843	1740
SHERMAN	195	93	102	173	94	79	168	85	83	196	93	103
TILLAMOOK	1610	811	799	1447	751	696	1458	755	703	1562	793	769
UMATILLA	5415	2773	2642	4854	2477	2377	4752	2307	2445	4676	2361	2315
UNION	2111	1091	1020	1946	1020	926	2008	1044	964	1958	1024	934
WALLOWA	640	331	309	521	266	255	525	254	271	580	317	263
WASCO	1731	896	835	1695	904	791	1746	921	825	1760	880	880
WASHINGTON	21271	10877	10394	18735	9575	9160	20315	10453	9862	20267	10400	9867
WHEELER	79	38	41	93	44	49	120	63	57	127	68	59
YAMHILL	5040	2558	2482	4395	2235	2160	4419	2287	2132	4585	2332	2253
STATE	200502	102231	98271	185101	95121	89980	195306	99869	95437	208383	106267	102116

Prepared by the Center for Population Research & Census, Portland State University, August 1984.

CPRC83-A:3R

ESTIMATED 5 YEAR AGE GROUPS BY SEX, 1983

OREGON AND ITS COUNTIES

	TOTAL 20-24	20-24 MALE	20-24 FEMALE	TOTAL 25-29	25-29 MALE	25-29 FEMALE	TOTAL 30-34	30-34 MALE	30-34 FEMALE	TOTAL 35-39	35-39 MALE	35-39 FEMALE
BAKER	1107	580	527	1050	537	513	1163	574	589	1014	497	517
BENTON	11261	6147	5114	7445	3940	3505	5900	3080	2820	4310	2166	2144
CLACKAMAS	18123	9411	8712	16829	8244	8585	20613	9866	10747	20861	10181	10680
CLATSOP	2907	1448	1459	2760	1402	1358	2780	1460	1320	2145	1108	1037
COLUMBIA	2613	1313	1300	2469	1193	1276	2950	1499	1451	2806	1376	1430
COOS	4713	2394	2319	4617	2190	2427	4794	2384	2410	4058	2042	2016
CROOK	915	442	473	875	442	433	949	444	505	868	427	441
CURRY	1101	576	525	1214	630	584	1230	603	627	1065	530	535
DESCHUTES	4719	2367	2352	5232	2507	2725	6002	3052	2950	4989	2531	2458
DOUGLAS	6998	3608	3390	6804	3321	3483	6814	3299	3515	6241	3138	3103
GILLIAM	136	75	61	145	77	68	130	68	62	116	60	56
GRANT	571	276	295	577	281	296	653	344	309	521	271	250
HARNEY	515	273	242	560	262	298	556	285	271	478	236	242
HOOD RIVER	1227	655	572	1330	705	625	1312	710	602	1147	592	555
JACKSON	10861	5445	5416	10491	5187	5304	11149	5608	5541	9839	4896	4943
JEFFERSON	964	515	449	912	469	443	899	452	447	780	367	413
JOSEPHINE	4030	1986	2044	3757	1781	1976	4404	2111	2293	4115	2027	2088
KLAMATH	4970	2657	2313	4542	2298	2244	4852	2416	2436	4047	2056	1991
LAKE	517	260	257	579	289	290	589	312	277	468	238	230
LANE	25829	12672	13157	27187	13536	13651	25603	13069	12534	20795	10616	10179
LINCOLN	2564	1339	1225	2950	1435	1515	3112	1564	1548	2501	1282	1219
LINN	7238	3623	3615	7308	3539	3769	7503	3801	3702	6226	3145	3081
MALHEUR	2234	1151	1083	1901	948	953	1844	891	953	1588	772	816
MARION	17644	9069	8575	18345	9400	8945	17660	8972	8688	14617	7478	7139
MORROW	514	282	232	592	296	296	561	291	270	467	239	228
MULTNOMAH	46453	22244	24209	59517	29091	30426	57862	29357	28505	42350	21668	20682
POLK	4064	1844	2220	3779	1828	1951	3594	1769	1825	3191	1560	1631
SHERMAN	141	76	65	155	86	69	165	88	77	130	63	67
TILLAMOOK	1433	736	697	1591	787	804	1760	926	834	1372	704	668
UMATILLA	4849	2457	2392	5142	2537	2605	4918	2522	2396	4024	2066	1958
UNION	2177	1053	1124	1969	975	994	1911	933	978	1642	837	805
WALLOWA	477	253	224	516	259	257	579	301	278	415	212	203
WASCO	1587	779	808	1641	796	845	1846	932	914	1549	767	782
WASHINGTON	20439	10039	10400	24544	12067	12477	25390	12457	12933	23093	11434	11659
WHEELER	86	50	36	68	33	35	86	41	45	86	41	45
YAMHILL	5125	2534	2591	4557	2259	2298	4319	2140	2179	3874	1915	1959
STATE	221102	110629	110473	233950	115627	118323	236452	118621	117831	197788	99538	98250

ESTIMATED 5 YEAR AGE GROUPS BY SEX, 1983
OREGON AND ITS COUNTIES

	TOTAL 40-44	40-44 MALE	40-44 FEMALE	TOTAL 45-49	45-49 MALE	45-49 FEMALE	TOTAL 50-54	50-54 MALE	50-54 FEMALE	TOTAL 55-59	55-59 MALE	55-59 FEMALE
BAKER	914	448	466	802	398	404	783	397	386	804	392	412
BENTON	3354	1656	1698	2588	1302	1286	2344	1133	1211	2215	1079	1136
CLACKAMAS	17058	8613	8445	12652	6373	6279	11394	5693	5701	11298	5509	5789
CLATSOP	1722	867	855	1364	695	669	1330	638	692	1537	735	802
COLUMBIA	2200	1140	1060	1701	886	815	1612	786	826	1621	794	827
COOS	3535	1753	1782	3085	1512	1573	3002	1482	1520	3048	1483	1565
CROOK	734	381	353	643	341	302	613	291	322	584	293	291
CURRY	916	459	457	813	375	438	818	420	398	1036	497	539
DESCHUTES	3842	1928	1914	2913	1496	1417	2510	1254	1256	2590	1225	1365
DOUGLAS	5074	2489	2585	4330	2119	2211	4394	2163	2231	4360	2170	2190
GILLIAM	87	36	51	101	57	44	122	53	69	107	52	55
GRANT	494	251	243	432	213	219	409	209	200	395	199	196
HARNEY	463	251	212	408	221	187	342	166	176	349	185	164
HOOD RIVER	853	439	414	764	394	370	795	367	428	749	385	364
JACKSON	7784	3914	3870	6340	3205	3135	5800	2849	2951	6159	2970	3189
JEFFERSON	646	329	317	615	299	316	529	270	259	538	256	282
JOSEPHINE	3392	1653	1739	2774	1385	1389	2662	1262	1400	2944	1377	1567
KLAMATH	3275	1663	1612	2827	1399	1428	2753	1346	1407	2830	1405	1425
LAKE	445	230	215	402	197	205	403	182	221	413	220	193
LANE	15222	7643	7579	11373	5655	5718	10578	5159	5419	10985	5219	5766
LINCOLN	1861	954	907	1645	839	806	1722	795	927	2048	946	1102
LINN	5166	2554	2612	4072	2012	2060	3860	1897	1963	3928	1857	2071
MALHEUR	1286	620	666	1183	582	601	1259	585	674	1319	623	696
MARION	11232	5615	5617	9198	4629	4569	8497	4042	4455	8788	4120	4668
MORROW	410	199	211	388	205	183	337	162	175	329	168	161
MULTNOMAH	28837	14511	14326	22956	11155	11801	23359	11182	12177	26668	12455	14213
POLK	2454	1244	1210	2037	984	1053	1944	946	998	1913	900	1013
SHERMAN	102	56	46	92	44	48	106	48	58	152	77	75
TILLAMOOK	1106	544	562	946	479	467	1022	483	539	1214	598	616
UMATILLA	3202	1611	1591	2737	1363	1374	2652	1317	1335	2882	1380	1502
UNION	1367	685	682	1082	531	551	961	489	472	994	483	511
WALLOWA	409	203	206	355	179	176	395	195	200	383	173	210
WASCO	1272	657	615	1028	520	508	1028	475	553	1111	516	595
WASHINGTON	16978	8571	8407	12670	6436	6234	10891	5331	5560	10767	5151	5616
WHEELER	83	41	42	67	29	38	88	43	45	75	41	34
YAMHILL	3094	1590	1504	2415	1195	1220	2393	1169	1224	2363	1099	1264
STATE	150869	75798	75071	119798	59704	60094	113707	55279	58428	119496	57032	62464

ESTIMATED 5 YEAR AGE GROUPS BY SEX, 1983

OREGON AND ITS COUNTIES

	TOTAL 60-64	60-64 MALE	60-64 FEMALE	TOTAL 65-69	65-69 MALE	65-69 FEMALE	TOTAL 70-74	70-74 MALE	70-74 FEMALE	TOTAL 75+	75+ MALE	75+ FEMALE
BAKER	830	389	441	872	418	454	754	346	408	1126	464	662
BENTON	2288	1073	1215	1891	910	981	1415	600	815	2340	810	1530
CLACKAMAS	10522	5021	5501	8508	4016	4492	6711	3015	3696	9668	3441	6227
CLATSOP	1670	779	891	1709	770	939	1420	653	767	2046	773	1273
COLUMBIA	1691	834	857	1399	681	718	1116	528	588	1631	678	953
COOS	3205	1545	1660	3140	1541	1599	2513	1161	1352	3137	1275	1862
CROOK	716	317	399	723	356	367	602	272	330	613	272	341
CURRY	1135	516	619	1285	641	644	1063	517	546	1044	478	566
DESCHUTES	2820	1295	1525	3000	1479	1521	2397	1156	1241	2371	1005	1366
DOUGLAS	4449	2173	2276	4221	2081	2140	3294	1566	1728	4107	1713	2394
GILLIAM	128	64	64	110	55	55	103	50	53	112	54	58
GRANT	396	184	212	380	199	181	291	140	151	417	180	237
HARNEY	381	186	195	282	150	132	219	109	110	348	150	198
HOOD RIVER	800	382	418	717	355	362	594	288	306	787	310	477
JACKSON	6433	3122	3311	6461	3123	3338	5337	2488	2849	7037	2813	4224
JEFFERSON	533	275	258	500	244	256	381	195	186	379	167	212
JOSEPHINE	3290	1542	1748	3583	1689	1894	2913	1348	1565	3712	1504	2208
KLAMATH	2813	1375	1438	2469	1199	1270	2006	972	1034	2477	1037	1440
LAKE	370	192	178	351	193	158	241	123	118	340	138	202
LANE	11316	5297	6019	10365	4806	5559	8210	3719	4491	11206	4212	6994
LINCOLN	2347	1082	1265	2341	1098	1243	1906	911	995	2304	965	1339
LINN	4319	2064	2255	3866	1794	2072	3166	1479	1687	4183	1639	2544
MALHEUR	1248	609	639	1260	626	634	1027	502	525	1462	588	874
MARION	8898	4123	4775	8787	3919	4868	7740	3306	4434	11687	4280	7407
MORROW	310	156	154	292	149	143	216	112	104	270	114	156
MULTNOMAH	27568	12602	14966	23667	10467	13200	19656	8211	11445	34245	11063	23182
POLK	2011	959	1052	1896	877	1019	1593	693	900	2608	967	1641
SHERMAN	119	63	56	129	66	63	83	38	45	94	39	55
TILLAMOOK	1248	571	677	1320	627	693	1076	523	553	1332	563	769
UMATILLA	2763	1304	1459	2406	1162	1244	1942	920	1022	2886	1110	1776
UNION	954	440	514	989	479	510	893	416	477	1238	492	746
WALLOWA	389	194	195	377	177	200	288	133	155	481	208	273
WASCO	1146	563	583	1049	487	562	907	403	504	1303	526	777
WASHINGTON	9555	4484	5071	7677	3429	4248	6109	2571	3538	8698	3094	5604
WHEELER	88	43	45	98	53	45	67	34	33	110	52	58
YAMHILL	2358	1107	1251	2322	1070	1252	1812	823	989	3130	1189	1941
STATE	121107	56925	64182	110442	51386	59056	90061	40321	49740	130929	48363	82566

TECHNICAL NOTES

THE COLLECTION OF VITAL RECORDS

The presentation of data in the book is only the final stage of a long process. The prompt and accurate recording of vital events is a complicated community service which receives little public recognition until an individual finds he or she has need of the records or the information they contain. The registration system serves two purposes. First, these vital documents are collected, kept safe, and made available to individuals and their families when needed for documentation of the events in which they were personally involved. Second, our complex society has a need to know about health and social changes occurring in our state. Vital Statistics has frequently been called "the eyes and ears of public health". In fact, it is the only organized system of health records covering the entire population. The collection is a highly cooperative endeavor in which a great many people play an important part.

PROVIDERS OF SERVICES

The providers of the services associated with vital events are the first people involved in the collection system. The birth attendant is responsible for completing both the legal document and the confidential, statistical section of the birth certificate. The death and fetal death certificate must be filed by the funeral director or person who first assumes responsiblity for the body. A physician completes the medical portion of these death certificates, except in the case of found bodies and unnatural deaths, which are certified by the medical examiner. Hospital medical-records personnel also play an important role in assuring that all certificates are completed and accurate. These service providers then file the completed certificates with the county registrars in the county where the event occurred. Abortions and communicable diseases are treated differently. The providers of induced abortions file the completed statistical reports (which contain no identifying information) directly with the State Registrar. Physicians report cases of communicable diseases to the Disease Monitoring and Control section of the Health Division.

COUNTY OFFICIALS

The county registrars play an important role in assuring the completion and accuracy of the birth, death, and fetal death registration. They check the certificates against other sources of information to make certain no events are missed. They also follow-up any incomplete items before sending the certificates to the State Registrar at the Center for Health Statistics. The county clerks perform a similar function for marriage and divorce certificates.

CENTER FOR HEALTH STATISTICS At the state level, the staff of the Center for Health Statistics perform additional completeness and accuracy checks. A field representative makes contacts with providers and county registrars, and clerical staff send letters seeking additional information about causes of death, birthweight, and the status of very small babies. Coders and data entry personnel turn the information into computerized data, while microfilmers store the certificates so that certified copies can be made. The computerized statistical data is then retrieved by programmers, analyzed by researchers, and made available for demographic and public health needs.

OTHER STATES Events relating to Oregon residents which occurred in another state are included in this report. The Centers for Health Statistics in each U.S. state and the Provinces of Canada have traditionally agreed to send copies of birth, death and fetal death certificates to the locality where the individual usually resided. A cooperative agreement is also in place for reports on induced termination of pregnancy (abortion), however, some states collect no resident information on these reports and can not participate in the exchange. There is no exchange program for marriage and divorce certificates.

Who among all these people is the vital recorder? The answer is -- all of them. The invisible person who records the major life events of our population is really many people who have all played important roles in presenting this report.

HOW TO BE A VITAL STATISTICIAN

This book presents vital statistics and highlights a number of important demographic and public health changes. But the possible uses of vital statistics are endless. Data users are as diverse as a public-health official evaluating a program using death data, a demographer projecting school enrollments with birth data, and a business person deciding to open a formal-wear shop based on marriage data. Many of these users have a thorough knowledge of statistics. But others find the entire subject-matter confusing and intimidating. For either group a misunderstanding of what vital statistics mean or an incorrectly used comparison can lead to wrong conclusions. Therefore, this section is included to provide an overview of how to use vital statistics. It is addressed to the person looking at vital events for the first time, but the experienced user may also find a review helpful. Additional information about specific events is provided at the beginning of each section.

STEP 1: FINDING THE CORRECT NUMBER

The first step is to determine how many of a particular vital event took place during the year. This involves asking two questions:

Which event or events are appropriate?

- DEATHS
- INFANT DEATHS
- NEONATAL DEATHS
- POST-NEONATAL DEATHS
- FETAL DEATHS
- LOW BIRTH WEIGHT INFANTS
- PREGNANCIES
- INDUCED ABORTIONS
- MARRIAGES
- ANNULMENTS
- DIVORCES

This may not be as simple as it sounds. For one thing, examining more than one type of event may be required. For example, a researcher who is concerned with teenage pregnancies will have to consider abortions and fetal deaths, not simply the number of births.

Deciding which events to use is important since sometimes the choice of one event over another can lead to vastly different conclusions. Consider the researcher who asks, "Have we reduced the likelihood of death for babies?" Selecting neonatal deaths (babies who die before they are 28 days old) suggests the answer is yes. But selecting post-neonatal deaths (those between 28 days and one year) suggests no.

To determine which events are appropriate, read the introductions to each of the sections in this report. They contain suggestions, explanations, and some examples of how to interpret the figures.

What is the correct population?

The vital events do not usually occur in individual's homes, which leads to an interesting problem in geography. Vital events are usually reported two ways:

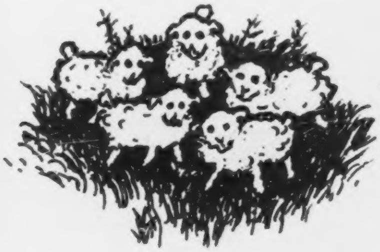
OCCURRENCE	means that the event (the death, birth, marriage, etc.) actually took place in the geographic region indicated (either Oregon or a particular county). The person participating in the event may have lived in Timbuktu.
RESIDENCE	means that the person involved in the event lived in the geographic region mentioned, but the event itself may have taken place anywhere in the United States or Canada. In other words, a resident of Marion county who died in an accident while on vacation in Michigan has been added to the Marion county resident death figure.

Choosing the appropriate population is important. Occurrence birth data is more relevant to a hospital planner who is deciding to expand or contract delivery services. But residence birth data should be the choice for projecting school enrollment. When in doubt about which population to use, resident figures are usually the best choice. Most birth and death data are published by residence, which means that comparisons with other states or the United States as a whole will be easier. Exceptions to this rule are listed in the individual sections.

Once the right event and the right population have been determined, the statistician can find the correct figures in the table(s) in this book. If the needed table is not listed, contact the Center for Health Statistics for more information.

STEP 2: MAKING THE NUMBER MEANINGFUL WITH RATES AND RATIOS

In many instances simply knowing the number of events which occurred is not sufficient. A Bradford Hill expressed this important statistical concept:



"It is well recognized that white sheep eat more than black sheep-- because there are more of them."

In other words, it is the probability of the event which is important. We know more people died in Multnomah county than in Wheeler county, but is the likelihood of dying really different?

In order to answer this question, statisticians calculate rates. This means that the number of events which occurred are compared to the population for which that event *could* have occurred, and the figure is then standardized to some *number* (such as 1,000 or 100,000) for convenience.

Here is an example:

$$\overset{\text{DEATHS}}{\text{CRUDE DEATH RATE}} = \frac{\text{DEATHS}}{\text{POPULATION}} \times 1{,}000$$

the number of people who could have died	a number picked by vital statisticians to eliminate decimal points

The more specifically a statistician can define the "population at risk" (the bottom part of the rate), the more meaningful the rate is. For example, the *crude birth rate*, which compares the number of births to the population, *is not nearly as* informative as the *fertility rate*. This second rate uses only the number of women of childbearing age *(15-44)* for comparative purposes and is therefore less distorted by quirks in the population distribution. (The turn of the century notion that only *married* women between the age of 15 and 44 would be considered at risk of *pregnancy* has been abandoned for obvious reasons.) The importance of being specific about the population at risk is explained in Step 3.

Unfortunately we do not always have the correct number for the bottom part of the equation. In these situations a substitute is used. For example, how many people are at risk of getting divorced? The number of married people is only available for census years. As a substitute, the crude divorce rate is calculated using the total population regardless of marital status. In other situations, the event is simply compared to another *related* number to create a ratio. For instance, the abortion ratio compares the number of abortions to the number of births. This is easier and more accurate than trying to determine the true denominator, which is the total number of pregnant women.

> When calculating rates and ratios, great care must be taken to make certain that the same time periods, the same geographical boundaries, and the same population are used in the top and bottom parts of the equation.

STEP 3: COMPARING PLACES, TIME PERIODS, AND CATEGORIES

In many situations, the vital statistician's goal is to compare two or more numbers for different geographical areas, different time periods, or different categories such as men versus women. But comparing rates and ratios introduces some new problems which must not be overlooked.

Changes in measurement

The first problem is that the measures being compared are not always the same. Definitions, population estimates, certificates, and coding procedures change from time to time as the need arises. This can create "artificial" differences and can disguise "real" differences. The cause-of-death item provides an excellent example of changes in comparability:

During the late 1970's approximately 80 to 85 people died each year due to hypertensive disease.	RATE = 3.3 PER 100,000 POPULATION
In 1979, 250 people died from this cause.	RATE = 9.8

The explanation for the difference in 1979 is not that the incidence of hypertensive heart disease deaths increased in 1979. The explanation is that a new scheme for coding the causes was introduced that year.

Taking age and sex into account

Mr. G. C. Whipple noted in 1923 that, "We might find that the death rate of bank presidents was higher than that of newsboys; but this would not be because of different occupations, but because of different ages." We expect older people to die at a higher rate than younger people. We also expect people in their twenties to have more babies than the very young or the very old. Sex and race, as well as age, affect rates drastically.

When comparing two places or two points in time, it is necessary to take these influencing characteristics into account. Here is an example:

The death rate increased between 1950 and 1960 from 9.1 to 9.5 deaths per thousand. But an examination of the death rates for each age group indicates that these all decreased. This contradiction is explained by the fact that in 1960 a larger proportion of the population was concentrated in the older age groups where death rates are higher .

	1950	1960
CRUDE DEATH RATE	9.1	9.5
AGE SPECIFIC DEATH RATES		
0 - 4	5.9	5.7
5 - 14	0.6	0.4
15 - 24	1.5	1.1
25 - 44	2.4	2.1
45 - 64	11.1	10.6
65+	58.4	56.8

Before comparing two places or two time periods, always compare the population characteristics first. If discrepancies are noted in any relevant variables, then the rates should be adjusted or standardized in order to make the comparisons free of differences in the structure of the populations. The formulas for doing this are listed in the appendix.

Small numbers

Perhaps the most common error made in vital statistics concerns the use of rates based on very small numbers. When the numbers being used to calculate rates are extremely small, large swings often occur in the rates which do not reflect real changes. Consider Harney county's infant mortality rates for the past five years:

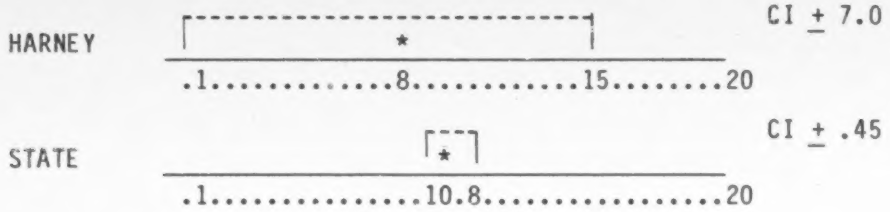
HARNEY COUNTY

YEAR	BIRTHS	INFANT DEATHS	INFANT DEATH RATES
1979	139	1	7.2
1980	131	3	22.9
1981	149	0	0.0
1982	97	1	10.3
1983	111	0	0.0
1979-1983	627	5	8.0

The overall rate of 8.0 is quite close to the state rate for the same time period (10.8). Yet for some years the rate is more than double the rate of other years simply because one additional infant died. Public health officials would waste a good deal of energy reacting to these annual rates.

Statisticians expect a certain amount of chance variation and have methods to take this into account. The confidence interval uses the number of cases and their distributions to determine what the rate "really is". For example a statistician will say, "We are 95% sure that the true infant death rate for Oregon between 1979 and 1983 was 10.8 ± 0.45, that is, it lies somewhere between 10.35 and 11.25." If two rates have overlapping confidence intervals than the difference between them may be due to this chance variation. In other words the difference is not statistically significant.

Harney county's infant death rate for the same period was 8.0 ± 7.0



The difference between the state rate and Harney county is not statistically different.

When comparing rates and ratios, differences should be tested for statistical significance. Formulas are listed in the appendix. For those who are reluctant to use formulas, consider this rule of thumb: a rate based on 20 cases has a 95% confidence interval about as wide as itself (the interval for a rate of 50 is between 25 and 75). Even large differences between two rates based on 20 cases or less are probably not statistically significant.

If 20 is too few, how many cases are sufficient to say that a true difference exists? Unfortunately we have no easy rules for this. To be safe, the vital statistician should always try to combine several years of data or consolidate geographical areas.

Many rates based on small numbers are published in this book because readers demand them. But anyone preparing to make important decisions based on these rates should make an effort to determine if rates are statistically significant.

STEP 4: ANALYZING THE DATA

The first three steps have been fairly mechanical:

(1) Choose the correct events and the correct population to determine the number of events which took place for the geographical areas and time periods.

(2) Calculate the rates.

(3) Compare these rates to determine if the differences are statistically significant.

NOW the vital statistician must begin to ask the difficult questions. Just because two rates are different, can we assume that we have a case of cause and effect? Is there another factor which is really causing the changes in the rates? If the differences which we expected did not prove to be significant, is there another item which perhaps is masking the difference? Frequently the statistician has to refine the research question and begin all over again.

Several sources of help are available. Many of the widely used rates and ratios are presented in the Quick Reference section, and narratives and figures are included throughout the book to illustrate changes. And finally, the staff of the Center for Health Statistics are available for data users who need assistance.

FORMULAS

PREGNANCY

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1. (CRUDE) BIRTH RATE $= \dfrac{\text{Resident Births}}{\text{Population}} \times 1,000$

$$\text{Oregon, 1983} = \frac{39,949}{2,634,993} \times 1,000 = 15.2$$

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2. AGE SPECIFIC BIRTH RATE $= \dfrac{\text{Resident Births to Mothers In Age Category}}{\text{Female population In Age Category}} \times 1,000$

$$\text{Oregon, 1983, Age 20-24} = \frac{12,595}{110,473} \times 1,000 = 114.0$$

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3. FERTILITY RATE $= \dfrac{\text{Resident Births to Mothers Aged 15-44}}{\text{Female population Aged 15-44}} \times 1,000$

Note: Some publications use the following: $\dfrac{\text{All resident births}}{\text{Female population Aged 15-44}}$

$$\text{Oregon, 1983} = \frac{39,884}{622,064} \times 1,000 = 64.1$$

---

4. TOTAL FERTILITY RATE = Age-specific Birth Rates in 5 year Categories between 15 and 44

Oregon, 1983 = 5(42.8+114.0+110.8+64.7+19.7+3.3)=1,776.5

---

5. FETAL DEATH RATE $= \dfrac{\text{Resident Fetal Deaths of 20 or More Weeks Gestation}}{\text{Resident Births}} \times 1,000$

Note: Publications vary in the Gestation Cut off for fetal deaths. The following formula is sometimes used.

$$\frac{\text{Resident Fetal Deaths}}{\text{Resident Births + Resident Fetal Deaths}} \times 1,000$$

$$\text{Oregon, 1983, Residents} = \frac{268}{39,949} \times 1,000 = 6.7$$

---

6. ABORTION RATIO $= \frac{\text{Resident Abortions}}{\text{Resident Births}} \times 1{,}000$ OR $\frac{\text{Occurrence Abortions}}{\text{Occurrence Births}} \times 1{,}000$

Oregon, 1983, Occurrence $= \frac{12{,}064}{41{,}047} \times 1{,}000 = 293.9$

---

7. ABORTION RATE $= \frac{\text{Resident Abortions or Occurrence Abortions}}{\text{Female Resident Population Aged 15-44}} \times 1{,}000$

Oregon, 1983, Occurrence
with total adjusted for
not stated ages. $= \frac{11{,}961}{622{,}064} \times 1{,}000 = 19.2$

DEATHS

---

8. (CRUDE) DEATH RATE $= \frac{\text{Resident Deaths}}{\text{Population}} \times 1{,}000$

Oregon, 1983 $= \frac{22{,}361}{2{,}634{,}993} \times 1{,}000 = 8.5$

---

9. INFANT DEATH RATE $= \frac{\text{Resident Infant Deaths}}{\text{Resident Births}} \times 1{,}000$

Oregon, 1983 $= \frac{385}{39{,}949} \times 1{,}000 = 9.6$

---

10. NEONATAL DEATH RATE $= \frac{\text{Resident Neonatal Deaths}}{\text{Resident Births}} \times 1{,}000$

Oregon, 1983 $= \frac{215}{39{,}949} \times 1{,}000 = 5.4$

---

11. POST-NEONATAL DEATH RATE $= \frac{\text{Resident Post-Neonatal Deaths}}{\text{Resident Births}} \times 1{,}000$

Oregon, 1983 $= \frac{385 - 170}{39{,}949} \times 1{,}000 = 4.3$

12. CAUSE-SPECIFIC DEATH RATE $= \dfrac{\text{Resident Deaths Due to Specific Cause}}{\text{Population}} \times 100{,}000$

Oregon, 1983, Heart Disease $= \dfrac{7{,}910}{2{,}634{,}993} \times 100{,}000 = 300.2$

13. AGE-SEX SPECIFIC DEATH RATE $= \dfrac{\text{Resident Deaths in Age-Sex Category}}{\text{Population in Age-Sex Category}} \times 1{,}000$

Oregon, 1983, Males Aged 65-74 $= \dfrac{3{,}191}{91{,}707} \times 1{,}000 = 34.8$

MARRIAGE AND DIVORCE

14. MARRIAGE RATE $= \dfrac{\text{Marriages}}{\text{Population}} \times 1{,}000$

Oregon, 1983 $= \dfrac{23{,}346}{2{,}634{,}993} \times 1{,}000 = 8.9$

15. AGE-SPECIFIC MARRIAGE RATE $= \dfrac{\text{Marriages of Grooms in Specific Age Group}}{\text{Population of Males in Specific Age Group}} \times 1{,}000$

Oregon, 1983, Grooms Aged 20-24 $= \dfrac{6{,}930}{110{,}629} \times 1{,}000 = 62.6$

$\dfrac{\text{Marriages of Brides in Specific Age Group}}{\text{Population of Females in Specific Age Group}} \times 1{,}000$

Oregon, 1983, Brides Aged 20-24 $= \dfrac{7{,}654}{110{,}473} \times 1{,}000 = 69.3$

16. DIVORCE RATE $= \dfrac{\text{Divorces}}{\text{Population}} \times 1{,}000$

Oregon, 1983 $= \dfrac{16{,}173}{2{,}634{,}993} \times 1{,}000 = 6.1$

CALCULATING CONFIDENCE INTERVALS FOR RATES

To determine the confidence intervals for rates two numbers are needed : (1) the number of individuals for that event and (2) the number in the denominator of the rate. If the rate is an infant, neonatal or post-neonatal mortality rate then the denominator is the number of births. When examining characteristics of births use total births. Otherwise the denominator is a population figure. Use this formula:

$$\frac{1{,}000}{\text{denominator}}\left(\text{deaths} \pm 1.96\sqrt{\text{deaths}}\right) = \text{rate} \pm \text{confidence interval}$$

Example: Is there a difference between the state and Lane county rates for low-birth weight infants?

In 1983, Oregon had 1,997 out of 39,949 babies that weighed less than 2,500 grams (5 1/2 lbs.).

In 1983, Lane county had 177 out of 3,968 babies that were born weighing less than 2,500 grams.

$$\text{State Confidence Interval} = \frac{1{,}000}{39{,}949}\left(1{,}997 \pm 1.96\sqrt{1997}\right)$$

$$= .02503\ (1{,}997 \pm 87.59)$$

$$= 49.98 \pm 2.19$$

We are 95 percent sure that the low-birth weight rate for Oregon is between 47.79 and 52.17.

$$\text{Lane Confidence Interval} = \frac{1{,}000}{3{,}968}\left(177 \pm 1.96\sqrt{177}\right)$$

$$= .252\ (177 \pm 26.08)$$

$$= 44.60 \pm 6.57$$

We are 95 percent sure that the low-birth weight rate for Lane County is between 38.03 and 51.17.

To determine if the difference between two rates is significant use the confidence intervals in this formula:

$$\text{Difference between the two rates} \pm \sqrt{\text{1st Confidence Interval}^2 + \text{2nd Confidence Interval}^2}$$

If the interval obtained from this calculation does not include 0 then the difference is statistically significant at the 95 percent level.

Oregon Low-birth weight rate is 49.98 ± 2.19

Lane Low-birth weight rate is 44.60 ± 6.57

$$(49.98 - 44.6) \pm \sqrt{2.19^2 + 6.57^2}$$

$$5.38 \pm \sqrt{4.796 + 43.165}$$

$$5.38 \pm \sqrt{50.96}$$

$$5.38 \pm 7.13$$

The interval is between -1.75 and 12.5. Since zero falls between these two numbers, the difference between Lane county and Oregon's rate of low-birth weight infants is not statistically significant.

NOTE: If comparing death rates which are greater than 100 (for example for ages over 65) then $1.96\sqrt{\text{deaths}}$ should be replaced with: $1.96\sqrt{\text{death}\left(1-\frac{\text{deaths}}{\text{denominator}}\right)}$

CALCULATING MORTALITY RATES ADJUSTED FOR SEX/AGE/RACE

When comparing rates and ratios the influences of sex, age and race differences in the populations must be taken into account. Comparing many different age-sex-race specific rates can be cumbersome. The following techniques are used by vital statisticians to summarize these rates into one number.

The *direct adjusted rate* applies each of the specific rates for a particular population (*such as a county or an HSA*) to a standard population distribution (such as the state). Often the United States population of 1940 is used.

The *standard mortality ratio* compared the number of deaths for a particular population (such as *a county or an HSA) to the* number of deaths which would be expected if some standard set of rates (such as the state or the U.S rates) had occurred.

Life expectancy assumes that a theoretical group of babies would experience each of the *current specific* death rates. The average life expectancy is the mean number of years lived by these babies.

Each of these techniques has its advantages and disadvantages. The easiest to calculate is the direct adjusted rate. The following example shows how to adjust a county's death rate for sex so that it may be compared to the state rate.

$$\frac{\dfrac{\text{county male deaths}}{\text{county male population}} \times \text{state male population} + \dfrac{\text{county female deaths}}{\text{county female population}} \times \text{state female population}}{\text{Total State Population}} \times 1{,}000$$

The same logic can be used to adjust for age and/or race.

REFERENCES

For further information about calculating confidence intervals and adjusting rates see:

National Center for Health Statistics: Infant Mortality, by J. C. Kleinman, *Statistical Notes for Health Planners*, No. 2. Health Resources Administration, Washington, D.C., July 1976.

National Center for Health Statistics: Infant Mortality, by J. C. Kleinman, *Statistical Notes for Health Planners*, No. 3. Health Resources Administration, Washington, D.C., July 1977.

SYMBOLS USED IN THIS REPORT

QUANTITY IS ZERO IN FREQUENCY TABLES	-
RATE OR PERCENT IS LESS THAN OR EQUAL TO 0.05	0.0
DATA NOT AVAILABLE OR NOT APPLICABLE	---
INSUFFICIENT DATA FOR COMPUTATION	*

DEFINITIONS AND ABBREVIATIONS

LIVE BIRTH is the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy, which, after such a separation, breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached; each product of such a birth is considered live born.

FETAL DEATH is death prior to the complete expulsion or extraction from its mother of a product of conception of at least 20 weeks gestation, except where such expulsion results from a therapeutic abortion; the death is indicated by the fact that after such separation, the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.

INFANT DEATH is the death of a child prior to the first birthday.

NEONATAL DEATH is the death of a child within the first 27 days of life.

PERINATAL DEATH is the death of a fetus after 28 weeks gestation or the death of a live born infant prior to the first completed week of life.

IMMATURE INFANT is a live born infant with a birth weight less than 5 1/2 (2,500 grams) as reported on the birth certificate.

CRUDE BIRTH OR DEATH RATE is the number of live births or deaths per 1,000 total population.

INFANT DEATH RATE is the number of infant deaths per 1,000 live births.

NEONATAL DEATH RATE is the number of neonatal deaths per 1,000 live births.

PERINATAL DEATH RATE is the number of perinatal deaths per 1,000 related to the combined total of all fetal deaths of 28 weeks or more gestation and all live births.

MATERNAL DEATH RATE is the number of female deaths attributed to childbirth or to complications of pregnancy or the puerperium per 100,000 live births.

BIRTHS TO UNWED MOTHERS RATIO is the number of births to unwed mothers per 1,000 live births.

ABBREVIATIONS

C.N.M. - Certified Nurse Midwife

D.C. - Doctor of Chiropractic Medicine. Chiropractic being a system of therapeutics based upon the claim that disease is caused by abnormal function of the nerve system. It attempts to restore normal function of the nerve system by manipulation and treatment of the structures of the human body, especially those of the spinal column. *.

D.O. - Doctor of Osteopathic Medicine. Osteopathy being a system of therapy founded by Andrew Taylor Still (1828-1917) and based on the theory that the body is capable of making its own remedies against disease and other toxic conditions when it is in normal structural relationship and has favorable environmental conditions and adequate nutrition. It utilizes generally accepted physical, medicinal, and surgical methods of diagnosis and therapy, while placing chief emphasis on the importance of normal body mechanics and manipulative methods of detecting and correcting faulty structure.*

M.D. - Medical Doctor. Medical pertaining to medicine or the treatment of diseases.

N.D. - Naturopathic Doctor. Naturopathy being a system of therapy without using drugs and utilizing physical forces such as air, light water, heat, massage, etc. *

R.N. - Registered Nurse.

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* Taken from Dorland's Illustrated "Medical Dictionary." : W.B. Saunders Co. c 1965.

OTHER RECENT PUBLICATIONS
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OREGON VITAL STATISTICS COUNTY DATA, 1984

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LEADING CAUSES OF MORTALITY, 1978-1982

OREGON HEALTH TRENDS, Quarterly Newsletter
April 1985 - still available
July 1985 - out of stock

INTRODUCTION AND OVERVIEW, PART 1
Accidental Deaths, Suicides and Homicides in Oregon
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MOTOR VEHICLE DEATHS, PART 2
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October 24, 1985

Recipients of
Center for Health Statistics
Publication - Oregon Vital Statistics 1983

Two errata sheets are enclosed. We have found two major errors in our tables. We had the labeling incorrect on 1983 death rates by sex, and the rates for post neonatal deaths were truncated during word processing.

Sorry for the inconvenience.

Sincerely,

Joyce Grant-Worley

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Supervising Research Analyst
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TABLE 22. AGE SPECIFIC DEATH RATES BY SEX, OREGON, 1983

YEAR & SEX	TOTAL	AGE GROUPS					
		0 - 4	5 - 14	15-24	24-44	45-64	65+
1940 Deaths	1131.4	953.9	116.6	199.1	317.7	1322.7	7154.3
Male	1336.2	1122.6	140.5	267.4	374.5	1650.8	7831.0
Female	912.7	788.1	91.9	130.4	258.2	944.7	6395.2
1950 Deaths	912.9	588.1	61.7	148.2	242.0	1105.7	5836.7
Male	1097.2	459.9	74.1	226.0	317.4	1411.4	6619.2
Male	1141.2	640.3	53.3	158.4	273.3	1420.3	6854.2
Female	758.9	489.7	31.2	58.3	149.9	679.0	4838.8
1970 Deaths	933.8	411.4	42.9	134.4	184.4	1015.1	5617.3
Male	1107.6	437.8	56.5	198.9	241.7	1375.4	6893.0
Female	767.2	383.9	28.7	74.4	128.7	670.2	4607.6
1975 Deaths	878.5	364.8	32.5	118.0	164.4	925.1	5419.6
Male	1016.0	414.9	39.5	171.2	224.4	1239.7	6551.6
Female	747.2	312.5	25.3	64.9	107.4	631.0	4553.3
1976 Deaths	873.7	313.8	40.6	113.5	159.0	940.7	5384.1
Male	1005.2	350.6	52.5	160.0	221.1	1234.1	6532.4
Female	748.1	275.3	28.1	66.9	100.0	667.4	4470.4
1977 Deaths	853.8	315.4	41.3	125.1	166.0	896.4	5236.9
Male	984.2	376.4	51.8	183.7	213.5	1198.4	6311.3
Female	729.3	251.5	30.4	65.8	103.7	616.3	4424.5
1978 Deaths	844.3	303.0	39.9	117.7	159.3	888.1	5273.2
Male	965.7	330.4	50.4	174.5	228.4	1170.1	6303.4
Female	728.3	274.5	29.1	59.8	93.9	627.1	4486.9
1979 Deaths	826.4	267.1	33.4	110.7	156.1	869.1	5181.5
Male	956.1	308.2	42.5	167.8	227.9	1157.5	6308.5
Female	702.7	224.3	23.9	52.3	87.7	603.4	4333.3
1980 Deaths	826.4	310.7	31.9	115.8	140.8	870.8	4977.2
Male	931.8	333.9	36.9	167.8	193.4	1157.4	6013.3
Female	724.1	286.1	26.7	63.6	87.5	602.9	4209.3
1981 Deaths	819.3	272.6	24.7	113.5	138.1	847.9	4913.6
Male	916.8	301.0	31.2	168.6	187.5	1118.5	5857.9
Female	724.7	242.8	18.0	57.9	88.1	594.5	4206.7
1982 Deaths	813.0	261.4	27.5	92.3	132.0	826.3	4850.4
Male	899.3	290.8	35.4	132.1	177.6	1053.1	5769.2
Female	729.2	230.9	19.2	51.5	86.2	614.0	4158.8
1983 Deaths	848.6	240.4	30.2	97.3	131.6	843.1	4909.3
Male	927.1	258.2	39.0	136.0	183.6	1074.5	5816.4
Female	773.0	221.8	21.0	57.9	81.8	626.9	4245.4

All rates per 100,000 population within specific age-groups.

TABLE 35. INFANT DEATHS BY COUNTY OF RESIDENCE AND AGE AT TIME OF DEATH, OREGON, 1983

COUNTY OF RESIDENCE	ALL INFANT DEATHS		UNDER 28 DAYS (NEONATAL PERIOD)					28 DAYS & OVER	
			TOTAL		Under 1 Day	1-6 Days	7-27 Days		
	Number	Rate	Number	Rate				Number	Rate
TOTAL	385	9.6	215	5.4	123	52	40	170	4.3
Baker	2	7.8	2	7.8	1	1	-	-	-
Benton	4	4.7	3	3.5	3	-	-	1	1.2
Clackamas	32	9.5	18	5.4	7	5	6	14	4.2
Clatsop	4	8.6	2	4.3	-	1	1	2	4.3
Columbia	6	11.5	2	3.8	1	1	-	4	7.7
Coos	11	12.8	8	9.3	5	2	1	3	3.5
Crook	-	-	-	-	-	-	-	-	-
Curry	4	17.0	2	8.5	2	-	-	2	8.5
Deschutes	6	6.3	4	4.2	1	2	1	2	2.1
Douglas	10	7.7	2	1.5	1	1	-	8	6.2
Gilliam	-	-	-	-	-	-	-	-	-
Grant	1	7.6	1	7.6	1	-	-	-	-
Harney	-	-	-	-	-	-	-	-	-
Hood River	3	11.0	2	7.3	1	-	1	1	3.7
Jackson	15	8.0	9	4.8	3	2	4	6	3.2
Jefferson	1	3.9	-	-	-	-	-	1	3.9
Josephine	11	13.7	9	11.2	5	2	2	2	2.5
Klamath	8	9.1	5	5.7	3	1	1	3	3.4
Lake	-	-	-	-	-	-	-	-	-
Lane	37	9.3	17	4.3	15	2	-	20	5.0
Lincoln	4	7.6	3	5.7	2	-	1	1	1.9
Linn	11	8.4	5	3.8	4	1	-	6	4.6
Malheur	6	12.0	2	4.0	-	1	1	4	8.0
Marion	39	11.3	22	6.3	12	5	5	17	4.9
Morrow	1	7.1	1	7.1	1	-	-	-	-
Multnomah	92	10.7	51	6.0	34	11	6	41	4.8
Polk	8	13.4	5	8.4	4	-	1	3	5.0
Sherman	-	-	-	-	-	-	-	-	-
Tillamook	4	13.1	4	13.1	2	2	-	-	-
Umatilla	10	9.2	6	5.5	5	1	-	4	3.7
Union	7	18.6	5	13.3	2	1	2	2	5.3
Wallowa	1	7.9	-	-	-	-	-	1	7.9
Wasco	4	11.7	2	5.9	1	-	1	2	5.9
Washington	36	8.6	18	4.3	4	10	4	18	4.3
Wheeler	-	-	-	-	-	-	-	-	-
Yamhill	7	7.6	5	5.5	3	-	2	2	2.2

All Rates per 1,000 Live Births.